

## Fannie Mae

Issuer
Connecticut Avenue Securities, Series 2018-C06
$\$ 918,188,000$
(Approximate)

## Confidential Term Sheet

September 26, 2018
Wells Fargo Bank, N.A.
Global Agent and Exchange Administrator


Structuring Lead and Joint Bookrunner


Co-Lead Manager and Joint Bookrunner

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CLASS 1M-1, CLASS 1M-2, CLASS 1B-1, CLASS 2M-1, CLASS 2M-2 AND CLASS 2B-1 NOTES* \$918,188,000** (Approximate)


Holders of certain Classes may exchange them for Classes of the corresponding Classes of Related Combinable and Recombinable Notes (the "RCR Notes") to be delivered at the time of exchange. The Classes of RCR Notes are the Class 1M-2, Class 1A-I1, Class 1A-I2, Class 1A-I3, Class 1A-I4, Class 1E-A1, Class 1E-A2, Class 1E-A3, Class 1E-A4, Class 1B-I1, Class 1B-I2, Class 1B-I3, Class This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

1B-I4, Class 1E-B1, Class 1E-B2, Class 1E-B3, Class 1E-B4, Class 1C-I1, Class 1C-I2, Class 1C-I3, Class 1C-I4, Class 1E-C1, Class 1E-C2, Class 1E-C3, Class 1E-C4, Class 1E-D1, Class 1E-D2, Class 1E-D3, Class 1E-D4, Class 1E-D5, Class 1E-F1, Class 1E-F2, Class 1E-F3, Class 1E-F4, Class 1E-F5, Class 1-J1, Class 1-J2, Class 1-J3, Class 1-J4, Class 1-K1, Class 1-K2, Class 1-K3, Class 1K4, Class 1-X1, Class 1-X2, Class 1-X3, Class 1-X4, Class 1-Y1, Class 1-Y2, Class 1-Y3, Class 1-Y4, Class 2M-2, Class 2A-I1, Class 2A-I2, Class 2A-I3, Class 2A-I4, Class 2E-A1, Class 2E-A2, Class 2E-A3, Class 2E-A4, Class 2B-I1, Class 2B-I2, Class 2B-I3, Class 2B-I4, Class 2E-B1, Class 2E-B2, Class 2E-B3, Class 2E-B4, Class 2C-I1, Class 2C-I2, Class 2C-I3, Class 2C-I4, Class 2E-C1, Class 2E-C2, Class 2E-C3, Class 2E-C4, Class 2E-D1, Class 2E-D2, Class 2E-D3, Class 2E-D4, Class 2E-D5, Class 2E-F1, Class 2EF2, Class 2E-F3, Class 2E-F4, Class 2E-F5, Class 2-J1, Class 2-J2, Class 2-J3, Class 2-J4, Class 2-K1, Class 2-K2, Class 2-K3, Class 2-K4, Class 2-X1, Class 2-X2, Class 2-X3, Class 2-X4, Class 2-Y1, Class 2-Y2, Class 2-Y3 and Class 2-Y4 Notes. For a more detailed description of the RCR Notes, see Schedule I hereto.

Information is preliminary and subject to final collateral and legal review. The analyses, calculations and valuations herein are based on certain assumptions and data provided by third parties that may vary from the actual characteristics of the final collateral. Investors should rely on the information contained in the final prospectus.
(1) The principal amounts and notional amounts presented in this term sheet are approximate and subject to a $+/-5 \%$ variance. Weighted average lives and principal payment windows (if applicable) with respect to the Class $1 \mathrm{M}-1$ Notes, Class $1 \mathrm{M}-2 \mathrm{~A}$ Notes, Class 1M-2B Notes, Class 1M-2C Notes, Class 1M-2 Notes, Class 1B-1 Notes, Class 2M-1 Notes, Class 2M-2A Notes, Class 2M-2B Notes, Class 2M-2C Notes, Class 2M-2 Notes and Class 2B-1 Notes (together with the additional Classes of RCR Notes set forth on Schedule I hereto, the "Notes") assume that no Credit Events or Modification Events occur, prepayments occur at the pricing speed of $10 \%$ CPR (calculated from the Closing Date), the Notes pay on the 25 th day of each month beginning in October 2018 and the Early Redemption Option is exercised on the Payment Date in September 2028.
(2) Each Class of Offered Notes will be sold at a price of par.
(3) The Class Principal Balance of any outstanding Group 1 Notes will be paid in full on the earlier to occur of the Group 1 Early Redemption Date, if any, and the Maturity Date. Similarly, the Class Principal Balance of any outstanding Group 2 Notes will be paid in full on the earlier to occur of the Group 2 Early Redemption Date, if any, and the Maturity Date.
(4) The Class 1A-H Reference Tranche, Class 1M-1H Reference Tranche, Class 1M-AH Reference Tranche, Class 1M-BH Reference Tranche, Class 1M-CH Reference Tranche, Class 1B-1H Reference Tranche, Class 1B-2H Reference Tranche, Class 2A-H Reference Tranche, Class 2M-1H Reference Tranche, Class 2M-AH Reference Tranche, Class 2M-BH Reference Tranche, Class 2M-CH Reference Tranche, Class 2B-1H Reference Tranche and Class 2B-2H Reference Tranche will not have corresponding Notes and will be referenced only in connection with making calculations of payments required to be made by Fannie Mae and reductions and increases in the principal amounts of the Notes.
(5) The Class 1A-H Reference Tranche will have an approximate initial subordination percentage of $4.30 \%$, with a required subordination percentage of $4.50 \%$.
(6) The Class $1 \mathrm{M}-1$ Notes, Class $1 \mathrm{M}-2 A$ Notes, Class $1 \mathrm{M}-2 B$ Notes, Class $1 \mathrm{M}-2 \mathrm{C}$ Notes, Class $1 \mathrm{~B}-1$ Notes, Class $2 \mathrm{M}-1$ Notes, Class 2M-2A Notes, Class 2M-2B Notes, Class 2M-2C Notes and Class 2B-1 Notes will have corresponding Reference Tranches for the purpose of making calculations of principal payments required to be made by Fannie Mae and reductions and increases in the principal amounts of the Notes.
(7) The Holders of the Class 1M-2 Notes may exchange all or part of that Class for proportionate interests in the Class 1M-2A, Class 1M-2B and Class 1M-2C Notes (together, the "Group 1 Exchangeable Notes"), and vice versa. Additionally, the Holders of the Class 1M-2A, Class 1M-2B and Class 1M-2C Notes may exchange all or part of those Classes for proportionate interests in the Classes of Related Combinable and Recombinable Notes (the "Group 1 RCR Notes") in the applicable combinations set forth on

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Schedule I hereto, and vice versa. The Holders of the Class 2M-2 Notes may exchange all or part of that Class for proportionate interests in the Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$ and Class $2 \mathrm{M}-2 \mathrm{C}$ Notes (together, the "Group 2 Exchangeable Notes" and, together with the Group 1 Exchangeable Notes, the "Exchangeable Notes"), and vice versa. Additionally, the Holders of the Class 2M-2A, Class 2M-2B and Class 2M-2C Notes may exchange all or part of those Classes for proportionate interests in the Classes of Related Combinable and Recombinable Notes (the "Group 2 RCR Notes" and, together with the Group 1 RCR Notes, the "RCR Notes") in the applicable combinations set forth on Schedule I hereto, and vice versa. Holders of certain Classes of RCR Notes may further exchange all or part of those Classes for proportionate interests in other RCR Notes in the applicable combinations set forth on Schedule I hereto, and vice versa. Of the Exchangeable Notes and the RCR Notes, only the Class 1M-2 and Class 2M-2 Notes are Offered Notes.
(8) The Class 1B-2H Reference Tranche and the Class 2B-2H Reference Tranche are each assigned a class coupon solely for purposes of calculations in connection with the allocation of Modification Loss Amounts to the Mezzanine and Subordinate Reference Tranches in the related Group.

## Transaction Overview

The Notes will be unsecured general obligations of Fannie Mae, or the "Issuer", and will be subject to the credit and principal payment risk of the related portion of a certain pool (the "Reference Pool") of residential mortgage loans (the "Reference Obligations") held in various Fannie Mae-guaranteed MBS. The transaction is designed to furnish credit protection to Fannie Mae with respect to Reference Obligations that experience losses relating to Credit Events and Modification Events. The actual cash flows from the Reference Obligations will never be paid to the holders of the Notes (the "Noteholders" or "Holders," and each, a "Noteholder" or a "Holder"). Fannie Mae will make monthly payments of accrued interest and periodic payments of principal to the Noteholders. The Notes will be issued at par and, except for the Interest Only RCR Notes (as defined herein), will be 12.5-year, uncapped LIBOR-based floaters.

On the Termination Date for a Group, the Class Principal Balances of all outstanding Notes in that Group will be paid in full. If there are unrecovered losses on any Notes as of the Termination Date, holders of those Notes will be entitled to certain projected recovery payments on that date.
The Reference Obligations will be divided into two "Loan Groups". The Class 1M-1 Notes, Class 1M-2A Notes, Class 1M-2B Notes, Class 1M-2C Notes and Class 1B-1 Notes (collectively with the Group 1 RCR Notes, the "Group 1 Classes" or "Group 1 Notes") relate to the Reference Obligations in "Loan Group 1". The Class 2M-1 Notes, Class 2M-2A Notes, Class 2M-2B Notes, Class 2M-2C Notes and Class 2B-1 Notes (collectively with the Group 2 RCR Notes, the "Group 2 Classes" or "Group 2 Notes") relate to the Reference Obligations in "Loan Group 2". The "Offered Notes" consist of the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2$, Class 1B-1, Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-$ 2 and Class 2B-1 Notes. The transaction is structured to provide credit protection to Fannie Mae with respect to Reference Obligations as to which certain credit and modification events occur. This credit protection is achieved in part by allowing Fannie Mae to reduce the outstanding Class Principal Balances of the Notes related to the designated Credit Events and Modification Events on the Reference Obligations in the related Loan Group. The occurrence of certain Credit Events or Modification Events on the Reference Obligations could result in write-downs of the Class Principal Balances of the Notes to the extent losses are realized on such Reference Obligations as a result of these events. In addition, the interest entitlement of the Notes may be subject to reduction based on the occurrence of Modification Events on these Reference Obligations to the extent losses are realized with respect thereto. All cash flow calculations performed with respect to Loan Group 1 will affect the Group 1 Classes only, and all cash flow calculations performed with respect to Loan Group 2 will affect the Group 2 Classes only.
Although the Notes will be unsecured general obligations of Fannie Mae, and Fannie Mae alone will make all of the principal and interest payments on the Notes, the transaction has been structured so that the capital structure and cash flow allocations relative to principal payments of the Notes are reflective of private label senior/subordinate residential mortgage backed securities. Accordingly, subordinate interests will not receive allocations in respect of unscheduled principal unless target credit enhancement and delinquency percentages have been maintained. However, unlike securities in some senior/subordinate private label residential mortgage-backed securitizations, the principal payments required to be paid by Fannie Mae on the Notes will be based in part on the principal that is actually collected on the Reference

Obligations in the related Loan Group, rather than on the entire amount of scheduled payments due on those Reference Obligations as further described herein.

Capitalized terms used in this term sheet are defined when first used or in the "GLOSSARY OF CERTAIN DEFINED TERMS."

## Group 1

Credit and prepayment performance of the Reference Obligations
determines performance of Notes

*Approximate initial credit support will be $2.88 \%$ for the Class $1 \mathrm{M}-2 \mathrm{~A}$ Notes, $2.07 \%$ for the Class $1 \mathrm{M}-2 \mathrm{~B}$ Notes and $1.25 \%$ for the Class $1 \mathrm{M}-2 \mathrm{C}$ Notes.
**Shown for illustrative purposes only. Represents the sum of the Class Notional Amounts of the Class $1 \mathrm{M}-\mathrm{CH}$, Class $1 \mathrm{M}-\mathrm{BH}$ and Class 1M-AH Reference Tranches. Losses are allocated to such Reference Tranches in that order.

Group 2
Credit and prepayment performance of the Reference Obligations

*Approximate initial credit support will be $2.73 \%$ for the Class 2M-2A Notes, $1.97 \%$ for the Class 2M-2B Notes and $1.20 \%$ for the Class $2 \mathrm{M}-2 \mathrm{C}$ Notes.
**Shown for illustrative purposes only.
Represents the sum of the Class Notional Amounts of the Class $2 \mathrm{M}-\mathrm{CH}$, Class $2 \mathrm{M}-\mathrm{BH}$ and Class 2M-AH Reference Tranches. Losses are allocated to such Reference Tranches in that order.

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| Issuer | Fannie Mae |
| :---: | :---: |
| Title of Series | Connecticut Avenue Securities ("CAS"), Series 2018-C06 |
| Offered Notes | Class 1M-1, Class $1 \mathrm{M}-2$, Class 1B-1, Class 2M-1, Class $2 \mathrm{M}-2$ and Class 2B-1 Notes. |
| Global Agent | Wells Fargo Bank, N.A., as the Global Agent of Fannie Mae, will perform certain reporting and administrative functions with respect to the Notes, including calculating payments on the Notes. Fees and expenses of the Global Agent will be paid by the Issuer. |
| Exchange Administrator | Wells Fargo Bank, N.A. will act as the Exchange Administrator for the RCR Notes and the Exchangeable Notes. The Exchange Administrator will, among other duties, administer all exchanges of RCR Notes for Exchangeable Notes and vice versa, which will include receiving notices of requests for such exchanges from Noteholders, accepting the Notes to be exchanged, and giving notice to the Global Agent of all such exchanges. |
| Master Servicer | Fannie Mae |
| Lead Managers and Joint Bookrunners | Nomura (Structuring Lead) and Barclays (Co-Lead Manager) |
| Co-Managers | BofA Merrill, BNP, Morgan Stanley and Wells Fargo Securities |
| Selling Group Members | Siebert Cisneros Shank \& Co., L.L.C. and The Williams Capital Group, L.P. |
| Cut-off Date | For this term sheet and for the prospectus, July 31, 2018 |
| Closing Date | On or about October 10, 2018 |
| Payment Date | The $25^{\text {th }}$ day of each calendar month (or, if not a business day, the following business day), commencing in October 2018. |
| Accrual Period | With respect to each Payment Date, the period beginning on and including the prior Payment Date (or, in the case of the first Payment Date, the Closing Date) and ending on and including the day preceding such Payment Date. Interest will be calculated based on the actual number of days in an Accrual Period and a 360-day year. |

Note Rate

Legal Status

## Group 1 Notes

Group 2 Notes

## RCR Notes

The Note Rate on each Class of Notes for any Accrual Period will be equal to the floating or fixed per annum rate specified for such class as set forth in the final prospectus.

The Notes will be unsecured general obligations having the same priority as all of Fannie Mae's other unsecured debt. The RCR Notes represent interests in (i) the Class 1M-2A Notes, Class 1M-2B Notes and/or Class 1M-2C Notes or (ii) the Class 2M-2A Notes, Class 2M-2B Notes and/or Class 2M-2C Notes, as applicable. The United States does not guarantee the Notes or any interest or return of discount on the Notes. The Notes are not debts or obligations of the United States or any agency or instrumentality of the United States other than Fannie Mae.

The Class 1M-1 Notes, Class $1 \mathrm{M}-2$ Notes (together with the Class 1M-2A Notes, Class 1M-2B Notes, Class 1M-2C Notes and the additional Group 1 RCR Notes set forth on Schedule I hereto) and Class 1B-1 Notes.

The Class 1M-2A, Class 1M-2B and Class 1M-2C Notes are the "Group 1 Exchangeable Notes." The Notes will receive principal payments, if entitled to receive principal, and will be allocated reductions and increases in Class Principal Balance or Class Notional Amount, as applicable, in accordance with such allocations to the related Reference Tranches.

The Class 2M-1 Notes, Class 2M-2 Notes (together with the Class 2M-2A Notes, Class 2M-2B Notes, Class 2M-2C Notes and the additional Group 2 RCR Notes set forth on Schedule I hereto) and Class 2B-1 Notes.

The Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$ and Class $2 \mathrm{M}-2 \mathrm{C}$ Notes are the "Group 2 Exchangeable Notes." The Notes will receive principal payments, if entitled to receive principal, and will be allocated reductions and increases in Class Principal Balance or Class Notional Amount, as applicable, in accordance with such allocations to the related Reference Tranches.

The Group 1 Related Combinable and Recombinable Notes, or "Group 1 RCR Notes" and the Group 2 Related Combinable and Recombinable Notes, or "Group 2 RCR Notes" are set forth on Schedule I hereto. Holders of Class 1M-2 Notes or Class 2M-2 Notes may exchange all or part of those Notes for proportionate interests in the related Exchangeable Notes, and vice versa at any time on or after the earlier of (i) the tenth Business Day following the Closing Date or (ii) the first

Business Day following the first Payment Date; provided, that no such exchange will occur on any Payment Date or Record Date. Additionally, Holders of Class 1M-2A, Class 1M-2B, Class $1 \mathrm{M}-2 \mathrm{C}$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$ and Class $2 \mathrm{M}-2 \mathrm{C}$ Notes may further exchange all or part of those Exchangeable Notes for proportionate interests in the related RCR Notes, and vice versa. Certain Classes of related RCR Notes may further be exchanged for other Classes of RCR Notes as set forth on Schedule I hereto, and vice versa. Exchanges may occur repeatedly. Schedule I attached hereto sets forth the available combinations (the "Combinations") and characteristics of the RCR Notes. For the avoidance of doubt, an investor that would otherwise become a Holder of Class 1M-2 Notes or Class 2M-2 Notes on the Closing Date may specify, no later than 2:00 P.M. (New York City time) on the third Business Day prior to the Closing Date, any permissible combination of proportionate interests in other related RCR Notes or Exchangeable Notes for receipt by such investor on the Closing Date, all without any requirement of exchange procedures and fees. RCR Notes that are held by Holders will receive interest payments that are allocable to the related Exchangeable Notes, calculated at the applicable class coupon rate, and all principal amounts that are payable by Fannie Mae on the related Exchangeable Notes will be allocated to and payable to the related RCR Notes entitled to principal. In addition, all Tranche Write-down Amounts that are allocable to Exchangeable Notes will be allocated to reduce the Class Principal Balance or Class Notional Amount, as applicable, of the related RCR Notes. Further, all Tranche Write-up Amounts that are allocable to Exchangeable Notes will be allocated to increase the Class Principal Balance or Class Notional Amount, as applicable, of the related RCR Notes.

Certain of the RCR Notes set forth on Schedule I hereto are interest only RCR Notes (the "Interest Only RCR Notes"). The Interest Only RCR Notes are not entitled to receive payments of principal. Each Class of Interest Only RCR Notes has a "Class Notional Amount" as of any Payment Date equal to a specified percentage of the outstanding Class Principal Balance of the related Class of Exchangeable Notes or RCR Notes, as the case may be.

## Reference Tranches

## Group 1

The Class 1A-H Reference Tranche, Class 1M-1 Reference Tranche, Class 1M-1H Reference Tranche, Class 1M-2A Reference Tranche, Class 1M-AH Reference Tranche, Class

1M-2B Reference Tranche, Class 1M-BH Reference Tranche, Class 1M-2C Reference Tranche, Class 1M-CH Reference Tranche, Class 1B-1 Reference Tranche, Class 1B-1H Reference Tranche and Class 1B-2H Reference Tranche (collectively, the "Group 1 Reference Tranches"), which are described solely for the purpose of calculating principal payments required to be made on the Group 1 Notes by Fannie Mae, any reductions or increases of principal on the Notes as a result of Credit Events on the Reference Obligations in Loan Group 1 and any reductions in the interest or principal entitlements of the Group 1 Notes as a result of Modification Events on the Reference Obligations in Loan Group 1. Only the Class 1M-1 Reference Tranche, Class 1M-2A Reference Tranche, Class 1M-2B Reference Tranche, Class 1M-2C Reference Tranche and Class 1B-1 Reference Tranche will have corresponding Classes of Notes on the Closing Date.

## Group 2

The Class 2A-H Reference Tranche, Class 2M-1 Reference Tranche, Class 2M-1H Reference Tranche, Class 2M-2A Reference Tranche, Class 2M-AH Reference Tranche, Class 2M-2B Reference Tranche, Class 2M-BH Reference Tranche, Class 2M-2C Reference Tranche, Class 2M-CH Reference Tranche, Class 2B-1 Reference Tranche, Class 2B-1H Reference Tranche and Class 2B-2H Reference Tranche (collectively, the "Group 2 Reference Tranches"), which are described solely for the purpose of calculating principal payments required to be made on the Group 2 Notes by Fannie Mae, any reductions or increases of principal on the Notes as a result of Credit Events on the Reference Obligations in Loan Group 2 and any reductions in the interest or principal entitlements of the Group 2 Notes as a result of Modification Events on the Reference Obligations in Loan Group 2. Only the Class 2M-1 Reference Tranche, Class 2M-2A Reference Tranche, Class 2M-2B Reference Tranche, Class 2M-2C Reference Tranche and Class 2B-1 Reference Tranche will have corresponding Classes of Notes on the Closing Date.

## Senior Reference Tranche

## Mezzanine Reference Tranches

## Subordinate Reference Tranches

## Class Notional Amount of Reference Tranches

Group 1
The Class 1A-H Reference Tranche (the "Group 1 Senior Reference Tranche").

Group 2
The Class 2A-H Reference Tranche (the "Group 2 Senior Reference Tranche").

## Group 1

The Class 1M-1 Reference Tranche, Class 1M-1H Reference Tranche, Class 1M-2A Reference Tranche, Class 1M-AH Reference Tranche, Class 1M-2B Reference Tranche, Class 1M-BH Reference Tranche, Class 1M-2C Reference Tranche and Class 1M-CH Reference Tranche (collectively, the "Group 1 Mezzanine Reference Tranches").

## Group 2

The Class 2M-1 Reference Tranche, Class 2M-1H Reference Tranche, Class 2M-2A Reference Tranche, Class 2M-AH Reference Tranche, Class 2M-2B Reference Tranche, Class 2M-BH Reference Tranche, Class 2M-2C Reference Tranche and Class 2M-CH Reference Tranche (collectively, the "Group 2 Mezzanine Reference Tranches").

## Group 1

The Group 1 Mezzanine Reference Tranches, Class 1B-1 Reference Tranche, Class 1B-1H Reference Tranche and Class 1B-2H Reference Tranche (collectively, the "Group 1 Subordinate Reference Tranches").

Group 2
The Group 2 Mezzanine Reference Tranches, Class 2B-1 Reference Tranche, Class 2B-1H Reference Tranche and Class 2B-2H Reference Tranche (collectively, the "Group 2 Subordinate Reference Tranches").

Group 1
As of any Payment Date and with respect to each Group 1 Reference Tranche, a notional amount equal to the initial Class Notional Amount of such Group 1 Reference Tranche, minus the aggregate amount of Senior Reduction Amounts or

Subordinate Reduction Amounts for Loan Group 1, allocated to such Group 1 Reference Tranche on such Payment Date and all prior Payment Dates, minus the aggregate amount of Tranche Write-down Amounts for Loan Group 1 allocated to reduce the Class Notional Amount of such Group 1 Reference Tranche on such Payment Date and on all prior Payment Dates, and plus the aggregate amount of Tranche Write-up Amounts for Loan Group 1 allocated to increase the Class Notional Amount of such Group 1 Reference Tranche on such Payment Date and on all prior Payment Dates. For the avoidance of doubt, no Tranche Write-up Amount or Tranche Write-down Amount will be applied twice on the same Payment Date.

## Group 2

As of any Payment Date and with respect to each Group 2 Reference Tranche, a notional amount equal to the initial Class Notional Amount of such Group 2 Reference Tranche, minus the aggregate amount of Senior Reduction Amounts or Subordinate Reduction Amounts for Loan Group 2, allocated to such Group 2 Reference Tranche on such Payment Date and all prior Payment Dates, minus the aggregate amount of Tranche Write-down Amounts for Loan Group 2 allocated to reduce the Class Notional Amount of such Group 2 Reference Tranche on such Payment Date and on all prior Payment Dates, and plus the aggregate amount of Tranche Write-up Amounts for Loan Group 2 allocated to increase the Class Notional Amount of such Group 2 Reference Tranche on such Payment Date and on all prior Payment Dates. For the avoidance of doubt, no Tranche Write-up Amount or Tranche Write-down Amount will be applied twice on the same Payment Date.

## Settlement

## Form of Offering

## Ratings/Rating Agencies

The Notes will settle with no accrued interest.
Exempt from registration with the SEC under the Securities Act. The Notes are being offered only to "Qualified Institutional Buyers" (as defined in Rule 144A under the Securities Act).

The Issuer has engaged Fitch Ratings, Inc. ("Fitch") and Kroll Bond Rating Agency, Inc. ("KBRA") to rate the Class $1 \mathrm{M}-1$ Notes, Class 1M-2A Notes, Class 1M-2B Notes, Class 1M-2C Notes, Class 1M-2 Notes, Class 2M-1 Notes, Class 2M-2A Notes, Class 2M-2B Notes, Class 2M-2C Notes, Class 2M-2 Notes and certain additional Classes of RCR Notes set forth on Schedule I hereto on the Closing Date. No rating agency has been engaged to rate the Class 1B-1 Notes or the Class 2B-1

Reporting Period

## Maturity Date

## Early Redemption Option

## Group 1

The Issuer may redeem the Class $1 \mathrm{M}-1$ Notes, Class $1 \mathrm{M}-2 \mathrm{~A}$ Notes, Class 1M-2B Notes, Class 1M-2C Notes and Class 1B-1 Notes on any Payment Date on or after the earlier to occur of (i) the Payment Date on which the aggregate unpaid principal balance of the Reference Obligations in Loan Group 1 is less than or equal to $10 \%$ of the Loan Group 1 Cut-off Date Balance or (ii) the Payment Date occurring in September 2028, by paying an amount equal to the outstanding Class Principal Balance of the Class $1 \mathrm{M}-1$ Notes, Class 1M-2A Notes, Class 1M-2B Notes, Class 1M-2C Notes and Class 1B-1 Notes, plus accrued and unpaid interest and related unpaid fees and expenses of the Global Agent. If on the Group 1 Early Redemption Date a Class of Group 1 RCR Notes is outstanding, all principal amounts that are payable by Fannie Mae on the Group 1 Exchangeable Notes that were exchanged for such Group 1 RCR Notes will be allocated to and payable on the applicable Group 1 RCR Notes entitled to receive principal.

## Group 2

The Issuer may redeem the Class $2 \mathrm{M}-1$ Notes, Class $2 \mathrm{M}-2 \mathrm{~A}$ Notes, Class $2 \mathrm{M}-2 \mathrm{~B}$ Notes, Class $2 \mathrm{M}-2 \mathrm{C}$ Notes and Class 2B-1 Notes on any Payment Date on or after the earlier to occur of (i)
the Payment Date on which the aggregate unpaid principal balance of the Reference Obligations in Loan Group 2 is less than or equal to $10 \%$ of the Loan Group 2 Cut-off Date Balance or (ii) the Payment Date occurring in September 2028, by paying an amount equal to the outstanding Class Principal Balance of the Class 2M-1 Notes, Class 2M-2A Notes, Class 2M-2B Notes, Class 2M-2C Notes and Class 2B-1 Notes, plus accrued and unpaid interest and related unpaid fees and expenses of the Global Agent. If on the Group 2 Early Redemption Date a Class of Group 2 RCR Notes is outstanding, all principal amounts that are payable by Fannie Mae on the Group 2 Exchangeable Notes that were exchanged for such Group 2 RCR Notes will be allocated to and payable on the applicable Group 2 RCR Notes entitled to receive principal.

## Group 1 Early Redemption Date <br> Group 2 Early Redemption Date

Group 1 Termination Date

Group 2 Termination Date

The Payment Date, if any, on which the Group 1 Notes are redeemed by the Issuer pursuant to the Early Redemption Option for the Group 1 Notes.

The Payment Date, if any, on which the Group 2 Notes are redeemed by the Issuer pursuant to the Early Redemption Option for the Group 2 Notes.

The Group 1 Notes will no longer be outstanding upon the date which is the earliest of:
(1) the Maturity Date;
(2) the Group 1 Early Redemption Date; and
(3) the Payment Date on which the aggregate initial Class Principal Balance (without giving effect to any allocations of Tranche Write-down Amounts or Tranche Write-up Amounts related to the Group 1 Notes on such Payment Date and all prior Payment Dates) and accrued and unpaid interest due on the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ and Class $1 \mathrm{~B}-1$ Notes plus related unpaid fees and expenses of the Global Agent have otherwise been paid in full.

The Group 2 Notes will no longer be outstanding upon the date which is the earliest of:
(1) the Maturity Date;
(2) the Group 2 Early Redemption Date; and
(3) the Payment Date on which the aggregate initial Class Principal Balance (without giving effect to any allocations of Tranche Write-down Amounts or Tranche Write-up Amounts related to the Group 2 Notes on such Payment Date and all prior Payment Dates) and accrued and unpaid interest due on the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ and Class $2 \mathrm{~B}-1$ Notes plus related unpaid fees and expenses of the Global Agent have otherwise been paid in full.

## Transaction Termination Date

## Expected Credit Enhancement

The transaction will terminate on the date which is the later of the Group 1 Termination Date and the Group 2 Termination Date.

Group 1

| Notes/Tranches | Tranche <br> Size | Approximate <br> Initial Credit <br> Support |
| :--- | :---: | :---: |
| Class 1A-H | $95.70 \%$ | $3.30 \%{ }^{(1)}$ |$|$| Class 1M-1 and <br> Class 1M-1H | $0.60 \%$ | $3.70 \%$ |
| :--- | :---: | :---: |
| Class 1M-2 <br> Class 1M-2H |  |  |
| Class 1B-1 and <br> Class 1B-1H | $2.45 \%$ | $1.25 \%$ |
| Class 1B-2H | $0.75 \%$ | $0.50 \%$ |

${ }^{(1)}$ Required credit support for the Class 1A-H Reference Tranche will be $4.50 \%$
(2) Approximate initial credit support will be $2.88 \%$ for the Class $1 \mathrm{M}-2 \mathrm{~A}$ Notes, $2.07 \%$ for the Class $1 \mathrm{M}-2 \mathrm{~B}$ Notes and $1.25 \%$ for the Class $1 \mathrm{M}-2 \mathrm{C}$ Notes.
${ }^{(3)}$ Shown for illustrative purposes only. Represents the sum of the Class $1 \mathrm{M}-\mathrm{AH}$, Class 1M-BH and Class 1M-CH Reference Tranches.

The Group 1 Subordinate Reference Tranches are subordinate to, and provide credit enhancement for, the Group 1 Senior Reference Tranche and for each Class of more senior Group 1 Subordinate Reference Tranches.

## Group 2

| Notes/Tranches | Tranche <br> Size | Approximate <br> Initial Credit <br> Support |
| :--- | :---: | :---: |
| Class 2A-H | $95.80 \%$ | $4.20 \%$ |
| Class 2M-1 and <br> Class 2M-1H | $0.70 \%$ | $3.50 \%$ |
| Class 2M-2 |  |  |
| Class 2M-2H |  |  |
| Class 2B-1 and <br> Class 2B-1H | $2.30 \%$ | $1.20 \%$ |
| Class 2B-2H | $0.70 \%$ | $0.50 \%$ |

(1) Approximate initial credit support will be $2.73 \%$ for the Class $2 \mathrm{M}-2 \mathrm{~A}$ Notes, $1.97 \%$ for the Class $2 \mathrm{M}-2 \mathrm{~B}$ Notes and $1.20 \%$ for the Class $2 \mathrm{M}-2 \mathrm{C}$ Notes.
(2) Shown for illustrative purposes only. Represents the sum of the Class 2MAH, Class $2 \mathrm{M}-\mathrm{BH}$ and Class $2 \mathrm{M}-\mathrm{CH}$ Reference Tranches.

The Group 2 Subordinate Reference Tranches are subordinate to, and provide credit enhancement for, the Group 2 Senior Reference Tranche and for each Class of more senior Group 2 Subordinate Reference Tranches.

## Fannie Mae Retention of Minimum 5\% of Underlying Credit Risk

Notes Acquired by Fannie Mae

STRUCTURAL FEATURES

## Scheduled Principal

Unscheduled Principal With respect to each Payment Date and Loan Group:
(a) all partial principal prepayments on the related Reference Obligations in the related Loan Group collected during the related Reporting Period, plus
(b) the aggregate unpaid principal balance of all related Reference Obligations in the related Loan Group that became subject to Reference Pool Removals during the related Reporting Period (excluding (i) Credit Event Reference Obligations and (ii) the portions of any prepayments in full that consist of scheduled principal collections), plus
(c) decreases in the unpaid principal balance of all related Reference Obligations in the related Loan Group as the result of loan modification or data corrections, plus
(d) all scheduled principal collections, if any, for any Reference Obligations in the related Loan Group that have been removed from the related MBS, plus
(e) the excess, if any, of the aggregate unpaid principal balance of the related Reference Obligations refinanced under the High LTV Refinance Option and removed from the related Reference Pool during the related Reporting Period, over the aggregate original unpaid principal balance of the resulting High LTV Refinance Reference Obligations, minus
(f) increases in the unpaid principal balances of all related Reference Obligations in the related Loan Group as the result of loan modifications, reinstatements due to error, or data corrections.

In the event that (f) above exceeds the sum of (a) through (e) in such Loan Group, the Unscheduled Principal for such Payment Date with the respect to the related Loan Group will be zero, and the Class Notional Amount of the Class 1A-H Reference Tranche or the Class Notional Amount of the Class 2A-H Reference Tranche, as applicable, will be increased by the amount of such excess. In April 2016, at the direction of its regulator and conservator FHFA, Fannie Mae announced a program that permits principal forgiveness as a loss mitigation alternative for a limited number of loans that were 90 days or more delinquent and underwater as of March 2016. No Reference Obligations are eligible for inclusion in this program. While there is no indication that this program will be extended or replicated, if any similar program of principal reduction were to be employed in the future that affected the Reference Obligations, any principal that was forgiven with respect to a Reference Obligation would decrease the unpaid principal balance of such Reference Obligation pursuant to clause (c) above.

## Recovery Principal

## Senior Reduction <br> Amount

With respect to each Payment Date and Loan Group, the sum of:
(a) the excess, if any, of the related Credit Event Amount for such Payment Date over the related Tranche Write-down Amount for such Payment Date; plus
(b) the related Tranche Write-up Amount for such Payment Date.

With respect to each Payment Date, if either of the Minimum Credit Enhancement Test or the Delinquency Test for a Loan Group is not satisfied, the sum of:
(a) the Senior Percentage of the Scheduled Principal for such Payment Date and Loan Group;
(b) $100 \%$ of the Unscheduled Principal for such Payment Date and Loan Group; and
(c) $100 \%$ of the Recovery Principal for such Payment Date and Loan Group.

As noted above, the Minimum Credit Enhancement Test will not be satisfied for Loan Group 1 at issuance and may not be satisfied for an indefinite period thereafter.

With respect to each Payment Date, if the Minimum Credit Enhancement Test and the Delinquency Test for a Loan Group are satisfied, the sum of:
(a) the Senior Percentage of the Scheduled Principal for such Payment Date and Loan Group;
(b) the Senior Percentage of the Unscheduled Principal for such Payment Date and Loan Group; and
(c) $100 \%$ of the Recovery Principal for such Payment Date and Loan Group.

The "Senior Percentage" for a Payment Date and Loan Group is the percentage equivalent of a fraction, the numerator of which is the Class Notional Amount of the related Senior Reference Tranche immediately prior to such Payment Date and the denominator of which is the aggregate unpaid principal balance of the Reference Obligations in that Loan Group at the end of the previous Reporting Period.

## Subordinate Reduction Amount

## Allocation of Senior <br> Reduction Amount

With respect to each Payment Date and Loan Group, the sum of the Scheduled Principal, Unscheduled Principal and Recovery Principal for such Payment Date and Loan Group, less the Senior Reduction Amount for such Loan Group.

## Group 1

On each Payment Date prior to the Group 1 Termination Date, the Senior Reduction Amount with respect to Loan Group 1 will be allocated to the Group 1 Senior Reference Tranche until its Class Notional Amount is reduced to zero, and then to the Group 1 Subordinate Reference Tranches, in order of seniority, per "Allocation of Subordinate Reduction Amount-Group 1".

Because the Class $1 \mathrm{M}-1$, Class 1M-2A, Class 1M-2B, Class $1 \mathrm{M}-2 \mathrm{C}$ and Class 1B-1 Notes correspond to the Class 1M-1, Class 1M-2A, Class 1M-2B, Class 1M-2C and Class 1B-1 Reference Tranches, respectively, any portion of the Senior Reduction Amount that is allocated to the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class 1M-2B, Class 1M-2C or Class 1B-1 Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ or Class 1B-1 Notes, as applicable. Such reductions in the Class Principal Balance of the Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$ or Class $1 \mathrm{M}-2 \mathrm{C}$ Notes will result in a corresponding reduction in the Class Principal Balance or Class Notional Amount, as applicable, of the related RCR Notes.

## Group 2

On each Payment Date prior to the Group 2 Termination Date, the Senior Reduction Amount with respect to Loan Group 2 will be allocated to the Group 2 Senior Reference Tranche until its Class Notional Amount is reduced to zero, and then to the Group 2 Subordinate Reference Tranches, in order of seniority, per "Allocation of Subordinate Reduction Amount-Group 2".

Because the Class 2M-1, Class 2M-2A, Class 2M-2B, Class
$2 \mathrm{M}-2 \mathrm{C}$ and Class 2B-1 Notes correspond to the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ and Class 2B-1 Reference Tranches, respectively, any portion of the Senior Reduction Amount that is allocated to the Class 2M-1, Class 2M-2A, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ or Class 2B-1 Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ or Class 2B-1 Notes, as applicable. Such reductions in the Class Principal Balance of the Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$ or Class $2 \mathrm{M}-2 \mathrm{C}$ Notes
will result in a corresponding reduction in the Class Principal Balance or Class Notional Amount, as applicable, of the related RCR Notes.

## Allocation of Subordinate Group 1 <br> Reduction Amount

On each Payment Date prior to the Group 1 Termination Date, the Subordinate Reduction Amount with respect to Loan Group 1 will be allocated to the Group 1 Subordinate Reference Tranches:
(i) first, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class 1M-1 and Class 1M-1H Reference Tranches until their Class Notional Amounts have been reduced to zero;
(ii) second, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class $1 \mathrm{M}-2 \mathrm{~A}$ and Class 1M-AH Reference Tranches until their Class Notional Amounts have been reduced to zero;
(iii) third, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class 1M-2B and Class 1M-BH Reference Tranches until their Class Notional Amounts have been reduced to zero;
(iv) fourth, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class 1M-2C and Class 1M-CH Reference Tranches until their Class Notional Amounts have been reduced to zero;
(v) fifth, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class 1B-1 and Class 1B-1H Reference Tranches until their Class Notional Amounts have been reduced to zero; and
(vi) sixth, to the Class 1B-2H Reference Tranche until its Class Notional Amount has been reduced to zero.

Any Subordinate Reduction Amount with respect to Loan Group 1 remaining after the allocation in the immediately preceding sentence will be allocated to reduce the Class Notional Amount of the Class 1A-H Reference Tranche.

Because the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class
$1 \mathrm{M}-2 \mathrm{C}$ and Class 1B-1 Notes correspond to the Class 1M-1, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ and Class 1B-1 Reference Tranches, respectively, any portion of the Subordinate Reduction Amount with respect to Loan Group 1 that is allocated to the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ or Class $1 \mathrm{~B}-1$ Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Class 1M-1, Class 1M-2A, Class 1M-2B, Class 1M-2C or Class 1B-1 Notes, as applicable. The

Class 1B-2H Reference Tranche will not have corresponding Notes.

If any Group 1 RCR Notes are held by Holders, any Subordinate Reduction Amount that is allocable in the second, third or fourth priority above on any Payment Date to the related Group 1 Exchangeable Notes will be allocated to reduce the Class Principal Balance or Class Notional Amount, as applicable, of the related Group 1 RCR Notes.

## Group 2

On each Payment Date prior to the Group 2 Termination Date, the Subordinate Reduction Amount with respect to Loan Group 2 will be allocated to the Group 2 Subordinate Reference Tranches:
(i) first, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class 2M-1 and Class 2M-1H Reference Tranches until their Class Notional Amounts have been reduced to zero;
(ii) second, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class $2 \mathrm{M}-2 \mathrm{~A}$ and Class 2M-AH Reference Tranches until their Class Notional Amounts have been reduced to zero;
(iii) third, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class 2M-2B and Class 2M-BH Reference Tranches until their Class Notional Amounts have been reduced to zero;
(iv) fourth, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class $2 \mathrm{M}-2 \mathrm{C}$ and Class 2M-CH Reference Tranches until their Class Notional Amounts have been reduced to zero;
(v) fifth, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class 2B-1 and Class 2B-1H Reference Tranches until their Class Notional Amounts have been reduced to zero; and
(vi) sixth, to the Class 2B-2H Reference Tranche until its Class Notional Amount has been reduced to zero.

Any Subordinate Reduction Amount with respect to Loan Group 2 remaining after the allocation in the immediately preceding sentence will be allocated to reduce the Class Notional Amount of the Class 2A-H Reference Tranche.

Because the Class 2M-1, Class 2M-2A, Class 2M-2B, Class
$2 \mathrm{M}-2 \mathrm{C}$ and Class 2B-1 Notes correspond to the Class 2M-1, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class 2M-2B, Class 2M-2C and Class 2B-1 Reference

Tranches, respectively, any portion of the Subordinate Reduction Amount with respect to Loan Group 2 that is allocated to the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ or Class $2 \mathrm{~B}-1$ Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Class 2M-1, Class 2M-2A, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ or Class 2B-1 Notes, as applicable. The Class 2B-2H Reference Tranche will not have corresponding Notes.

If any Group 2 RCR Notes are held by Holders, any Subordinate Reduction Amount that is allocable in the second, third or fourth priority above on any Payment Date to the related Group 2 Exchangeable Notes will be allocated to reduce the Class Principal Balance or Class Notional Amount, as applicable, of the related Group 2 RCR Notes.

## Loss Allocation Framework

## General

Upon the occurrence of Modification Events affecting the Reference Obligations in Loan Group 1 and to the extent that losses are realized with respect thereto, the interest entitlements of the Group 1 Notes will be subject to reduction and the Class Principal Balances thereof will be subject to write-downs as further described under "Allocation of Modification Loss Amounts-Group 1" below. Similarly, upon the occurrence of Modification Events affecting the Reference Obligations in Loan Group 2 and to the extent that losses are realized with respect thereto, the interest entitlements of the Group 2 Notes will be subject to reduction and the Class Principal Balances thereof will be subject to write-downs as further described under "Allocation of Modification Loss Amounts-Group 2" below.

Any such reductions or write-downs will be applied first to the most subordinate Class of Notes in the related Group of Notes with an outstanding Class Principal Balance (once the Class Notional Amount of the Class 1B-2H Reference Tranche or the Class Notional Amount of the Class 2B-2H Reference Tranche have been reduced to zero, as applicable).

Upon the occurrence of Credit Events affecting the Reference Obligations in Loan Group 1 and to the extent that losses are realized with respect thereto, the Class Principal Balances of the Group 1 Notes will be subject to write-downs as further described under "Allocation of Tranche Write-down Amounts-Group 1" below. Similarly, upon the occurrence of Credit Events affecting the Reference Obligations in Loan Group 2 and to the extent that losses are realized with respect thereto, the Class Principal

## Modifications

## Modification Event

## Modification Loss Amount

Balances of the Group 2 Notes will be subject to write-downs as further described under "Allocation of Tranche Write-down Amounts-Group 2" below. Any such reductions or write-downs will be allocated first to the most subordinate Class of Notes in the related Group of Notes with an outstanding Class Principal Balance (once the Class Notional Amount of the Class 1B-2H Reference Tranche or the Class 2B-2H Reference Tranche have been reduced to zero, as applicable).

Reference Obligations that undergo a temporary or permanent modification will not be removed from the Reference Pool unless they otherwise meet the criteria for Reference Pool Removal.

In the event that a program of principal forgiveness were implemented that impacted the Reference Obligations, any reduction in the principal balance of a Reference Obligation as the result of principal forgiveness would be treated as Unscheduled Principal. However, if the Reference Obligation subsequently became a Credit Event Reference Obligation, the related negative adjustment would be included in the Credit Event Net Loss for the Reference Obligation.

With respect to any Reference Obligation, a forbearance or certain mortgage rate modifications relating to such Reference Obligation. It is noted that in the absence of a forbearance or certain mortgage rate modifications, a term extension on a Reference Obligation will not constitute a Modification Event. For the avoidance of doubt, a refinancing of a Reference Obligation under the High LTV Refinance Option and replacement thereof with the resulting refinance mortgage loan (a "High LTV Refinance Reference Obligation") will not constitute a "Modification Event."

With respect to each Payment Date and any Reference Obligation that has experienced a Modification Event, the excess, if any, of:
(i) one-twelfth of the Original Accrual Rate multiplied by the unpaid principal balance of such Reference Obligation, over
(ii) one-twelfth of the Current Accrual Rate multiplied by the interest bearing unpaid principal balance of such Reference Obligation.

## Allocation of Modification Loss Amounts

## Group 1

On each Payment Date on or prior to the Group 1 Termination

Date, the Preliminary Principal Loss Amount, Preliminary Tranche Write-down Amount, Preliminary Tranche Write-up Amount and Preliminary Class Notional Amount for Group 1 will be computed prior to the Allocation of the Modification Loss Amount with respect to Loan Group 1.

On each Payment Date on or prior to the Group 1 Termination Date, the Modification Loss Amount, if any, for such Payment Date and Loan Group 1 will be allocated in the following order of priority:
first, to the Class 1B-2H Reference Tranche, until the amount allocated to the Class 1B-2H Reference Tranche is equal to the Class 1B-2H Reference Tranche Interest Accrual Amount;
second, to the Class 1B-2H Reference Tranche, until the aggregate amount allocated to the Class 1B-2H Reference Tranche is equal to the aggregate of the Preliminary Class Notional Amount of the Class 1B-2H Reference Tranche for such Payment Date;
third, to the Class 1B-1 and Class 1B-1H Reference Tranches, pro rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 1B-1 Reference Tranche is equal to the Class 1B-1 Notes Interest Accrual Amount;
fourth, to the Class 1B-1 and Class 1B-1H Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class 1B-1 and Class 1B-1H Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 1B-1 and Class 1B-1H Reference Tranches for such Payment Date;
fifth, to the Class $1 \mathrm{M}-2 \mathrm{C}$ and Class $1 \mathrm{M}-\mathrm{CH}$ Reference Tranches, pro rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 1M-2C Reference Tranche is equal to the Class 1M-2C Notes Interest Accrual Amount;
sixth, to the Class $1 \mathrm{M}-2 \mathrm{~B}$ and Class $1 \mathrm{M}-\mathrm{BH}$ Reference Tranches, pro rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 1M-2B Reference Tranche is equal to the Class 1M-2B Notes Interest Accrual Amount;
seventh, to the Class $1 \mathrm{M}-2 \mathrm{~A}$ and Class $1 \mathrm{M}-\mathrm{AH}$ Reference Tranches, pro rata, based on their Class Notional Amounts
immediately prior to such Payment Date, until the amount allocated to the Class 1M-2A Reference Tranche is equal to the Class 1M-2A Notes Interest Accrual Amount;
eighth, to the Class $1 \mathrm{M}-2 \mathrm{C}$ and Class $1 \mathrm{M}-\mathrm{CH}$ Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class $1 \mathrm{M}-2 \mathrm{C}$ and Class $1 \mathrm{M}-\mathrm{CH}$ Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 1M-2C and Class 1M-CH Reference Tranches for such Payment Date;
ninth, to the Class $1 \mathrm{M}-2 \mathrm{~B}$ and Class $1 \mathrm{M}-\mathrm{BH}$ Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class 1M-2B and Class 1M-BH Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 1M-2B and Class 1M-BH Reference Tranches for such Payment Date;
tenth, to the Class 1M-2A and Class 1M-AH Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class $1 \mathrm{M}-2 \mathrm{~A}$ and Class $1 \mathrm{M}-\mathrm{AH}$ Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 1M-2A and Class 1M-AH Reference Tranches for such Payment Date;
eleventh, to the Class $1 \mathrm{M}-1$ and Class $1 \mathrm{M}-1 \mathrm{H}$ Reference Tranches, pro rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 1M-1 Reference Tranche is equal to the Class 1M-1 Notes Interest Accrual Amount; and
twelfth, to the Class $1 \mathrm{M}-1$ and Class $1 \mathrm{M}-1 \mathrm{H}$ Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class 1M-1 and Class 1M-1H Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 1M-1 and Class 1M-1H Reference Tranches for such Payment Date.

Any amounts allocated to the Class 1B-1, Class 1M-2C, Class 1M2B, Class 1M-2A or Class 1M-1 Reference Tranches in the third, fifth, sixth, seventh or eleventh priority above will result in a corresponding reduction of the Interest Payment Amount of the Class 1B-1, Class $1 \mathrm{M}-2 \mathrm{C}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{~A}$ or Class

1M-1 Notes, as applicable (without regard to any exchanges of Group 1 Exchangeable Notes for Group 1 RCR Notes for such Payment Date). The Class 1B-2H Reference Tranche is assigned a class coupon solely for purposes of calculations in connection with the allocation of Modification Loss Amounts to the Group 1 Subordinate Reference Tranches, and any amounts allocated to the Class 1B-2H Reference Tranche in the first priority above will not result in a corresponding reduction of the Interest Payment Amount of any Class of Notes.

Any amounts allocated to the Class 1B-2H, Class 1B-1, Class $1 \mathrm{M}-2 \mathrm{C}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{~A}$ or Class $1 \mathrm{M}-1$ Reference Tranches in the second, fourth, eighth, ninth, tenth or twelfth priority above will be included in the calculation of the Principal Loss Amount for Loan Group 1.

If any Group 1 RCR Notes are held by Holders, any Modification Loss Amount that is allocable in the fifth, sixth or seventh priority above on any Payment Date to the related Group 1 Exchangeable Notes will be allocated to reduce the Interest Payment Amount of the applicable Group 1 RCR Notes in accordance with the exchange proportions applicable to the related Combination.

## Group 2

On each Payment Date on or prior to the Group 2 Termination Date, the Preliminary Principal Loss Amount, Preliminary Tranche Write-down Amount, Preliminary Tranche Write-up Amount and Preliminary Class Notional Amount for Group 2 will be computed prior to the Allocation of the Modification Loss Amount with respect to Loan Group 2.

On each Payment Date on or prior to the Group 2 Termination Date, the Modification Loss Amount, if any, for such Payment Date and Loan Group 2 will be allocated in the following order of priority:
first, to the Class 2B-2H Reference Tranche, until the amount allocated to the Class 2B-2H Reference Tranche is equal to the Class 2B-2H Reference Tranche Interest Accrual Amount;
second, to the Class 2B-2H Reference Tranche, until the aggregate amount allocated to the Class 2B-2H Reference Tranche is equal to the aggregate of the Preliminary Class Notional Amount of the Class 2B-2H Reference Tranche for such Payment Date;
third, to the Class 2B-1 and Class 2B-1H Reference Tranches, pro
rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 2B-1 Reference Tranche is equal to the Class 2B-1 Notes Interest Accrual Amount;
fourth, to the Class 2B-1 and Class 2B-1H Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class 2B-1 and Class 2B-1H Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 2B-1 and Class 2B-1H Reference Tranches for such Payment Date;
fifth, to the Class $2 \mathrm{M}-2 \mathrm{C}$ and Class $2 \mathrm{M}-\mathrm{CH}$ Reference Tranches, pro rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 2M-2C Reference Tranche is equal to the Class 2M-2C Notes Interest Accrual Amount;
sixth, to the Class 2M-2B and Class 2M-BH Reference Tranches, pro rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 2M-2B Reference Tranche is equal to the Class 2M-2B Notes Interest Accrual Amount;
seventh, to the Class $2 \mathrm{M}-2 \mathrm{~A}$ and Class $2 \mathrm{M}-\mathrm{AH}$ Reference Tranches, pro rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 2M-2A Reference Tranche is equal to the Class 2M-2A Notes Interest Accrual Amount;
eighth, to the Class 2M-2C and Class 2M-CH Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class 2M-2C and Class 2M-CH Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 2M-2C and Class 2M-CH Reference Tranches for such Payment Date;
ninth, to the Class 2M-2B and Class 2M-BH Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class 2M-2B and Class 2M-BH Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 2M-2B and Class 2M-BH Reference Tranches for such Payment Date;
tenth, to the Class 2M-2A and Class 2M-AH Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class 2M-2A and Class 2M-AH Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 2M-2A and Class 2M-AH Reference Tranches for such Payment Date;
eleventh, to the Class 2M-1 and Class 2M-1H Reference Tranches, pro rata, based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class 2M-1 Reference Tranche is equal to the Class 2M-1 Notes Interest Accrual Amount; and
twelfth, to the Class 2M-1 and Class 2M-1H Reference Tranches, pro rata, based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class 2M-1 and Class 2M-1H Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class 2M-1 and Class 2M-1H Reference Tranches for such Payment Date.

Any amounts allocated to the Class 2B-1, Class 2M-2C, Class 2M2B, Class $2 \mathrm{M}-2 \mathrm{~A}$ or Class $2 \mathrm{M}-1$ Reference Tranches in the third, fifth, sixth, seventh or eleventh priority above will result in a corresponding reduction of the Interest Payment Amount of the Class 2B-1, Class 2M-2C, Class 2M-2B, Class $2 \mathrm{M}-2 \mathrm{~A}$ or Class 2M-1 Notes, as applicable (without regard to any exchanges of Group 2 Exchangeable Notes for Group 2 RCR Notes for such Payment Date). The Class 2B-2H Reference Tranche is assigned a class coupon solely for purposes of calculations in connection with the allocation of Modification Loss Amounts to the Group 2 Subordinate Reference Tranches, and any amounts allocated to the Class 2B-2H Reference Tranche in the first priority above will not result in a corresponding reduction of the Interest Payment Amount of any Class of Notes.

Any amounts allocated to the Class 2B-2H, Class 2B-1, Class $2 \mathrm{M}-2 \mathrm{C}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{~A}$ or Class $2 \mathrm{M}-1$ Reference Tranches in the second, fourth, eighth, ninth, tenth or twelfth priority above will be included in the calculation of the Principal Loss Amount for Loan Group 2.

If any Group 2 RCR Notes are held by Holders, any Modification Loss Amount that is allocable in the fifth, sixth or seventh priority above on any Payment Date to the related Group 2 Exchangeable Notes will be allocated to reduce the Interest Payment Amount of

Principal Loss Amount

## Principal Recovery Amount

the applicable Group 2 RCR Notes in accordance with the exchange proportions applicable to the related Combination.

With respect to any Payment Date and Loan Group, the sum of:
(a) the aggregate amount of Credit Event Net Losses for all Credit Event Reference Obligations in such Loan Group for the related Reporting Period;
(b) the aggregate amount of court-approved principal reductions ("cramdowns") on the Reference Obligations in such Loan Group in the related Reporting Period;
(c) subsequent losses on any Reference Obligation in such Loan Group that became a Credit Event Reference Obligation on a prior Payment Date and with respect to which Net Liquidation Proceeds have already been determined; and
(d) amounts included in the second, fourth, eighth, ninth, tenth and twelfth priorities under "Allocation of Modification Loss Amount—Group 1" or "Allocation of Modification Loss Amount-Group 2" above, as applicable.

With respect to any Payment Date and Loan Group, the sum of:
(a) the aggregate amount of Credit Event Net Losses for all Reversed Credit Event Reference Obligations in such Loan Group for the related Reporting Period;
(b) subsequent recoveries on any Reference Obligation in such Loan Group that became a Credit Event Reference Obligation on a prior Payment Date and with respect to which Net Liquidation Proceeds have already been determined;
(c) the aggregate amount of the Credit Event Net Gains of all Credit Event Reference Obligations in such Loan Group for the related Reporting Period;
(d) the Rep and Warranty Settlement Amount for such Loan Group; and
(e) the related Projected Recovery Amount on the Termination Date for the related Group.

With respect to any Payment Date on or before the Termination Date for the related Group of Notes and any Reference Obligation in the related Loan Group, the first to occur of any of the following events during the related Reporting Period, as reported by the servicer to Fannie Mae, if applicable: (i) a short sale is settled, (ii) the related mortgaged property is sold to a third party during the foreclosure process, (iii) an REO disposition occurs, (iv) a mortgage note sale is executed on a loan that is 12 or more months

## Credit Event Reference Obligation

Tranche<br>Write-down Amount

## Tranche <br> Write-up Amount

## Allocation of Tranche <br> Write-down Amounts

delinquent when offered for sale or (v) the related mortgage note is charged off. With respect to any Credit Event Reference Obligation, there can only be one occurrence of a Credit Event; provided, that one additional separate Credit Event can occur with respect to each instance of such Credit Event Reference Obligation becoming a Reversed Credit Event Reference Obligation. For the avoidance of doubt, a refinancing of a Reference Obligation under the High LTV Refinance Option and replacement thereof with the resulting High LTV Refinance Reference Obligation will not constitute a "Credit Event."

With respect to each Payment Date, any Reference Obligation in the Reference Pool for which a Credit Event has occurred and is reported during the related Reporting Period.

With respect to each Payment Date and Loan Group, the excess, if any, of the Principal Loss Amount for such Payment Date and Loan Group over the Principal Recovery Amount for such Payment Date and Loan Group.

With respect to each Payment Date, the Class Notional Amount of each Senior Reference Tranche will be increased by the excess, if any, of the Tranche Write-down Amount for the related Loan Group for such Payment Date over the Credit Event Amount for the related Loan Group for such Payment Date.

With respect to each Payment Date and Loan Group, the excess, if any, of the Principal Recovery Amount for such Payment Date and Loan Group over the Principal Loss Amount for such Payment Date and Loan Group.

## Group 1

On each Payment Date on or prior to the Group 1 Termination Date, after allocation of the related Senior Reduction Amount and Subordinate Reduction Amount with respect to Loan Group 1, the Tranche Write-down Amount for Loan Group 1, if any, for such Payment Date will be allocated, first, to reduce any Overcollateralization Amount for such Payment Date, until such Overcollateralization Amount is reduced to zero and, second, to reduce the Class Notional Amount of each Group 1 Reference Tranche in the following order of priority, in each case until its Class Notional Amount is reduced to zero:
(i) first, to the Class 1B-2H Reference Tranche,
(ii) second, to the Class 1B-1 and Class 1B-1H Reference Tranches, pro rata, based on their Class Notional
(iii)
(iv) fourth, to the Class 1M-2B and Class 1M-BH Reference Tranches, pro rata, based on their Class Notional Amounts,
(v) fifth, to the Class 1M-2A and Class 1M-AH Reference Tranches, pro rata, based on their Class Notional Amounts, sixth, to the Class $1 \mathrm{M}-1$ and Class $1 \mathrm{M}-1 \mathrm{H}$ Reference Tranches, pro rata, based on their Class Notional Amounts, and
(vii) seventh, to the Class 1A-H Reference Tranche.

Because the Class 1M-1, Class 1M-2A, Class 1M-2B, Class $1 \mathrm{M}-2 \mathrm{C}$ and Class 1B-1 Notes correspond to the Class 1M-1, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ and Class 1B-1 Reference Tranches, respectively, any Tranche Write-down Amounts allocated to the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class 1M-2C or Class 1B-1 Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Class 1M-1, Class 1M-2A, Class 1M-2B, Class 1M-2C or Class 1B-1 Notes, as applicable (without regard to any exchanges of Group 1 Exchangeable Notes for Group 1 RCR Notes for such Payment Date). If any Group 1 RCR Notes are held by Holders, any Tranche Write-down Amount that is allocable to the related Group 1 Exchangeable Notes will be allocated to reduce the Class Principal Balance or Class Notional Amount, as applicable, of the related Group 1 RCR Notes. The Class 1B-2H Reference Tranche will not have corresponding Notes.

## Group 2

On each Payment Date on or prior to the Group 2 Termination Date, after allocation of the related Senior Reduction Amount and Subordinate Reduction Amount with respect to Loan Group 2, the Tranche Write-down Amount for Loan Group 2, if any, for such Payment Date will be allocated, first, to reduce any Overcollateralization Amount for such Payment Date, until such Overcollateralization Amount is reduced to zero and, second, to reduce the Class Notional Amount of each Group 2 Reference Tranche in the following order of priority, in each case until its Class Notional Amount is reduced to zero:
(i) first, to the Class 2B-2H Reference Tranche,
(ii) second, to the Class 2B-1 and Class 2B-1H Reference Tranches, pro rata, based on their Class Notional Amounts,
(iii) third, to the Class 2M-2C and Class 2M-CH Reference Tranches, pro rata, based on their Class Notional Amounts,
(iv) fourth, to the Class 2M-2B and Class 2M-BH Reference Tranches, pro rata, based on their Class Notional Amounts, fifth, to the Class 2M-2A and Class 2M-AH Reference Tranches, pro rata, based on their Class Notional Amounts,
(vi) sixth, to the Class 2M-1 and Class 2M-1H Reference Tranches, pro rata, based on their Class Notional Amounts, and
(vii) seventh, to the Class 2A-H Reference Tranche.

Because the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ and Class 2B-1 Notes correspond to the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ and Class 2B-1 Reference Tranches, respectively, any Tranche Write-down Amounts allocated to the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class 2M-2C or Class 2B-1 Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ or Class $2 \mathrm{~B}-1$ Notes, as applicable (without regard to any exchanges of Group 2 Exchangeable Notes for Group 2 RCR Notes for such Payment Date). If any Group 2 RCR Notes are held by Holders, any Tranche Write-down Amount that is allocable to the related Group 2 Exchangeable Notes will be allocated to reduce the Class Principal Balance or Class Notional Amount, as applicable, of the related Group 2 RCR Notes. The Class 2B-2H Reference Tranche will not have corresponding Notes.

## Allocation of Tranche <br> Write-up Amounts

## Group 1

On each Payment Date on or prior to the Group 1 Termination Date, after allocation of the related Senior Reduction Amount and Subordinate Reduction Amount and Tranche Write-down Amounts, the related Tranche Write-up Amount, if any, for such Payment Date will be allocated to increase the Class Notional Amount of each Group 1 Reference Tranche in the following order of priority until the cumulative Tranche Write-up Amount so allocated is equal to the cumulative Tranche Write-down Amount previously allocated to such Group 1 Reference Tranche on or prior to such Payment Date:
(i) first, to the Class 1A-H Reference Tranche,
(ii) second, to the Class $1 \mathrm{M}-1$ and Class 1M-1H Reference Tranches, pro rata, based on their Class Notional Amounts,
(iii) third, to the Class $1 \mathrm{M}-2 \mathrm{~A}$ and Class $1 \mathrm{M}-\mathrm{AH}$ Reference Tranches, pro rata, based on their Class Notional Amounts,
(iv) fourth, to the Class 1M-2B and Class 1M-BH Reference Tranches, pro rata, based on their Class Notional Amounts, fifth, to the Class 1M-2C and Class 1M-CH Reference Tranches, pro rata, based on their Class Notional Amounts,
(vi) sixth, to the Class 1B-1 and Class 1B-1H Reference Tranches, pro rata, based on their Class Notional Amounts, and
(vii) seventh, to the Class 1B-2H Reference Tranche.

Because the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ and Class 1B-1 Notes correspond to the Class 1M-1, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ and Class 1B-1 Reference Tranches, respectively, any Tranche Write-up Amounts allocated to the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ or Class 1B-1 Reference Tranche will result in a corresponding increase in the Class Principal Balance of the Class 1M-1, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$ or Class 1B-1 Notes, as applicable (without regard to any exchanges of Group 1 Exchangeable Notes for Group 1 RCR Notes for such Payment Date). If any Group 1 RCR Notes are held by Holders, any Tranche Write-up Amount that is allocable to the related Group 1 Exchangeable Notes will be allocated to increase the Class Principal Balance or Class Notional Amount, as applicable, of the related Group 1 RCR Notes. The Class 1B-2H Reference Tranche will not have corresponding Notes.

## Group 2

On each Payment Date on or prior to the Group 2 Termination Date, after allocation of the related Senior Reduction Amount and Subordinate Reduction Amount and Tranche Write-down Amounts, the related Tranche Write-up Amount, if any, for such Payment Date will be allocated to increase the Class Notional Amount of each Group 2 Reference Tranche in the following order of priority until the cumulative Tranche Write-up Amount so allocated is equal to the cumulative Tranche Write-down Amount previously allocated to such Group 2 Reference Tranche on or
prior to such Payment Date:
(i) first, to the Class 2A-H Reference Tranche,
(ii) second, to the Class $2 \mathrm{M}-1$ and Class $2 \mathrm{M}-1 \mathrm{H}$ Reference Tranches, pro rata, based on their Class Notional Amounts,
(iii) third, to the Class 2M-2A and Class 2M-AH Reference Tranches, pro rata, based on their Class Notional Amounts,
(iv) fourth, to the Class 2M-2B and Class 2M-BH Reference Tranches, pro rata, based on their Class Notional Amounts,
(v) fifth, to the Class $2 \mathrm{M}-2 \mathrm{C}$ and Class $2 \mathrm{M}-\mathrm{CH}$ Reference Tranches, pro rata, based on their Class Notional Amounts,
(vi) sixth, to the Class 2B-1 and Class 2B-1H Reference Tranches, pro rata, based on their Class Notional Amounts, and
(vii) seventh, to the Class 2B-2H Reference Tranche.

Because the Class 2M-1, Class 2M-2A, Class 2M-2B, Class $2 \mathrm{M}-2 \mathrm{C}$ and Class 2B-1 Notes correspond to the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ and Class 2B-1 Reference Tranches, respectively, any Tranche Write-up Amounts allocated to the Class $2 \mathrm{M}-1$, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ or Class 2B-1 Reference Tranche will result in a corresponding increase in the Class Principal Balance of the Class 2M-1, Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$, Class $2 \mathrm{M}-2 \mathrm{C}$ or Class $2 \mathrm{~B}-1$ Notes, as applicable (without regard to any exchanges of Group 2 Exchangeable Notes for Group 2 RCR Notes for such Payment Date). If any Group 2 RCR Notes are held by Holders, any Tranche Write-up Amount that is allocable to the related Group 2 Exchangeable Notes will be allocated to increase the Class Principal Balance or Class Notional Amount, as applicable, of the related Group 2 RCR Notes. The Class 2B-2H Reference Tranche will not have corresponding Notes.

To the extent that the Tranche Write-up Amount for a Loan Group on any Payment Date exceeds the Tranche Write-up Amount allocated to such Loan Group on such Payment Date, the excess (the "Write-up Excess") will be available as overcollateralization to offset any Tranche Write-down Amounts for such Loan Group on future Payment Dates prior to the allocation of such Tranche Write-down Amounts to reduce the Class Notional Amounts of the related Reference Tranches. On each Payment Date, the "Overcollateralization Amount" for a Loan Group equals (a) the
aggregate amount of Write-up Excesses for such Loan Group for such Payment Date and all prior Payment Dates, minus (b) the aggregate amount of Overcollateralization Amounts used to offset Tranche Write-down Amounts for such Loan Group on all prior Payment Dates.

## Credit Event Reversals and Reference Pool Removals

## Reversed Credit Event Reference Obligation

With respect to any Payment Date and Loan Group, a Reference Obligation in the related Loan Group that was formerly in the Reference Pool and that became a Credit Event Reference Obligation in a prior Reporting Period and (i) that is repurchased by the lender or with respect to which the lender agrees to a full indemnification of Fannie Mae or provides a fee in lieu of repurchase for any identified Eligibility Defect, (ii) with respect to which the party responsible for the representations and warranties and/or servicing obligations or liabilities with respect to the Reference Obligation (A) has declared bankruptcy or has been put into receivership or (B) has otherwise been relieved of such obligations or liabilities by operation of law or by agreement, and an Eligibility Defect is identified that could otherwise have resulted in a repurchase or (iii) with respect to which a violation of certain specified Eligibility Criteria is discovered as a result of a data correction.

A Reference Obligation will be removed (a "Reference Pool Removal") from the Reference Pool upon the occurrence of any of the following:
(1) the Reference Obligation becomes a Credit Event Reference Obligation;
(2) the Reference Obligation is paid in full (except as provided below with regard to a refinancing under the High LTV Refinance Option);
(3) the Reference Obligation is seized pursuant to an eminent domain proceeding with respect to the underlying mortgage loan;
the lender repurchases the Reference Obligation, enters into a full indemnification agreement or pays a fee in lieu of repurchase for the Reference Obligation;
Fannie Mae elects to sell (a) a delinquent Reference Obligation that is less than 12 months delinquent at the time it is offered for sale or (b) a Reference Obligation that previously had been seriously delinquent and is current at the time it is offered for sale; the discovery of any of certain specified violations of the Eligibility Criteria for such Reference Obligation as a
result of data correction;
the party responsible for the representations and warranties with respect to the Reference Obligation was granted relief by Fannie Mae from liability for potential breaches of specified Eligibility Defects at the time Fannie Mae acquired the Reference Obligation and an Eligibility Defect is identified that could otherwise have resulted in a repurchase but for the aforementioned relief, provided that the Eligibility Defect is identified on or before the 36th month following the date of Fannie Mae's acquisition of the Reference Obligation; the party responsible for the representations and warranties and/or servicing obligations or liabilities with respect to the Reference Obligation (A) has declared bankruptcy or has been put into receivership or (B) has otherwise been relieved of such obligations or liabilities by operation of law or by agreement, and an Eligibility Defect is identified that could otherwise have resulted in a repurchase; or the related mortgaged property is located within a county declared by the Federal Emergency Management Agency ("FEMA") at any time from and after September 17, 2018 and through and including October 10, 2018, to be a major disaster area and in which FEMA has authorized individual assistance to homeowners in such county as a result of Hurricane Florence.

A Reference Obligation will be removed from the Reference Pool or will become a Reversed Credit Event Reference Obligation if a loan data change occurs that causes the Reference Obligation to no longer meet one or more of the criteria set forth in clauses (a), (e), (f), (i), (j), (k) and (l) of the definition of Eligibility Criteria.

A Reference Obligation that becomes subject to an Origination Rep and Warranty Settlement subsequent to the Cut-off Date may be removed, at its respective unpaid principal balance as of such date, from the Reference Pool by Fannie Mae at any time in its sole discretion, provided that the aggregate unpaid principal balance of the Reference Obligations so removed during any Reporting Period does not result in a reduction of the Class Notional Amount of any Reference Tranche in excess of $1.00 \%$ of the Class Notional Amount thereof immediately prior to such reduction. The removal of any Reference Obligation from the Reference Pool as described above will be treated as a "Reference Pool Removal"; provided, however, that the removal of a Reference Obligation from the Reference Pool as a result of a refinancing under our High LTV Refinance Option will not
constitute a "Reference Pool Removal."
If a Reference Obligation meeting the High LTV Refinance Hold Criteria (defined below) is paid in full, the Reference Obligation will not be removed from the Reference Pool until the earlier of (i) the date Fannie Mae is able to confirm whether such payment in full was made in connection with the High LTV Refinance Option and (ii) the date that is 180 days following such payment in full (the earlier of (i) and (ii), the "Release Date").

On the Release Date, the following will apply:

- if Fannie Mae confirms that the payment in full was made in connection with the High LTV Refinance Option, the original Reference Obligation will be removed from the Reference Pool and the resulting High LTV Refinance Reference Obligation will be included in the Reference Pool as a replacement of the original Reference Obligation (which removal and replacement will not constitute a Reference Pool Removal);
- if Fannie Mae confirms that the payment in full was not made in connection with the High LTV Refinance Option, the related Reference Obligation will be removed from the Reference Pool (which removal will constitute a Reference Pool Removal); and
- if neither such confirmation can be made, the related Reference Obligation will be removed from the Reference Pool (which removal will constitute a Reference Pool Removal).

A Reference Obligation meets the "High LTV Refinance Hold Criteria" if it (i) was originated on or after October 1, 2017, (ii) was originated at least 15 months prior to the date it was paid in full, (iii) had no 30-day delinquency in the six-month period immediately preceding the date it was paid in full, and no more than one 30-day delinquency in the 12-month period immediately preceding the date it was paid in full, and (iv) is secured by a mortgaged property with a current estimated property value that is reasonably believed by Fannie Mae to result in eligibility under the High LTV Refinance Option.

A Short-Term Recourse Reference Obligation is a Reference Obligation originated with a LTV ratio greater than $80 \%$ and sold to Fannie Mae with recourse in the form of a lender repurchase obligation in lieu of private mortgage insurance. Subject to the
following sentence, if a Short-Term Recourse Reference Obligation becomes 120 days or more delinquent, the lender will be required to repurchase such Reference Obligation (the "Repurchase Obligation"). The lender's Repurchase Obligation will terminate on the first day of the $13^{\text {th }}$ calendar month following the month in which Fannie Mae acquired such Reference Obligation (the "Discharge Date"); provided, that if a Short-Term Recourse Reference Obligation is 30 days or more delinquent on the Discharge Date, then the lender will remain subject to the Repurchase Obligation with respect to such Reference Obligation until such time as all delinquencies on such Reference Obligation have been fully cured.

As of the Cut-off Date, 20 Reference Obligations in Loan Group 2 (or approximately $0.04 \%$ of the Reference Obligations in Loan Group 2 by Loan Group 2 Cut-off Date Balance) are Short-Term Recourse Reference Obligations.

## Rep and Warrant Settlement Allocation

Origination Rep and Warranty Settlement

Rep and Warranty Settlement Amount

A settlement relating to claims arising from breaches of loan representations and warranties that Fannie Mae enters into with a seller or servicer in lieu of requiring such seller or servicer to repurchase a specified pool of Mortgage Loans that includes one or more Reference Obligations, whereby Fannie Mae has received the agreed-upon settlement proceeds from such seller or servicer.

For each Reference Obligation that is part of an Origination Rep and Warranty Settlement (including any Reference Obligation that may previously have been removed from the Reference Pool due to a Credit Event), the portion of the settlement amount determined to be attributable to such Reference Obligation. The determination will be made by Fannie Mae at or about the time of the settlement and will be verified by an independent third party as described below.

After completion of an Origination Rep and Warranty Settlement that includes any Reference Obligations, Fannie Mae will engage an independent third party to conduct an annual review to validate that the Rep and Warranty Settlement Amount corresponding to each Reference Obligation matches Fannie Mae's records for such settlement.

## MORTGAGE LOANS IN REFERENCE POOL

Reference
The Reference Pool consists of mortgage loans acquired by Fannie
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## Obligations

## Reference Pool Eligibility Criteria

Mae (i) for Loan Group 1, between March 1, 2018 and April 30, 2018 and (ii) for Loan Group 2, between February 1, 2018 and March 31, 2018 that meet the Eligibility Criteria, as defined below. The Reference Pool summary attached to this term sheet provides additional details about the Reference Obligations in the Reference Pool.

Each mortgage loan in the Reference Pool must satisfy the following criteria (the "Eligibility Criteria"):
(a) is a fully amortizing, fixed rate, first lien Mortgage Loan secured by a one- to four-unit property, town house, individual condominium unit, individual unit in a planned unit development, individual cooperative unit or manufactured home, with an original term of 241 to 360 months;
(b) (i) with respect to Reference Obligations in Loan Group 1 only, was acquired by Fannie Mae between March 1, 2018 and April 30, 2018 and (ii) with respect to Reference Obligations in Loan Group 2 only, was acquired by Fannie Mae between February 1, 2018 and March 31, 2018;
(c) has not been 30 or more days delinquent from the date of acquisition to the Cut-off Date;
(d) was not originated under Fannie Mae's Refi Plus program (Fannie Mae's Refi Plus program includes but is not limited to the Home Affordable Refinance Program);
(e) has an original combined loan-to-value ratio less than or equal to $97 \%$;
(f) is not subject to any form of risk sharing with the loan seller or servicer (other than limited seller or servicer indemnification or limited future loss protection settlements in certain cases);
(g) was not originated under certain non-standard programs;
(h) is a conventional loan (i.e. is not guaranteed by the Federal Housing Administration or the U.S. Department of Veterans Affairs);
(i) with respect to Reference Obligations in Loan Group 1 only, has an original loan-to-value ratio that is (i) greater than $60 \%$ and (ii) less than or equal to $80 \%$;
(j) with respect to Reference Obligations in Loan Group 1 only, is not covered by mortgage or pool insurance;
(k) with respect to Reference Obligations in Loan Group 2 only, has an original loan-to-value ratio that is (i) greater than $80 \%$ and (ii) less than or equal to $97 \%$;
(l) with respect to Reference Obligations in Loan Group 2 only, (i) is not covered by pool insurance and (ii) one of the following: is covered by private mortgage insurance as
of the Cut-off Date; was covered by private mortgage insurance at the time of acquisition that has since been cancelled or otherwise eliminated by the borrower as permitted under Fannie Mae's Servicing Guide; in the case of certain Reference Obligations secured by mortgaged properties in the State of New York, was not covered by private mortgage insurance at the time of acquisition as permitted under Fannie Mae's Selling Guide; or in the case of a Short-Term Recourse Reference Obligation, was subject to a lender repurchase obligation in lieu of private mortgage insurance at the time of acquisition as permitted under Fannie Mae's Selling Guide; and
(m) is not a FEMA Exclusion Loan as of the end of day on September 16, 2018.
provided, however, that upon the refinancing of a Reference Obligation under the High LTV Refinance Option, the resulting High LTV Refinance Reference Obligation will constitute a Reference Obligation and will be included in the Reference Pool in replacement of the original Reference Obligation.

## FEMA Exclusion Loans

## Reference Pool Selection Process

A mortgage loan is a FEMA Exclusion Loan if it relates to a mortgaged property that is located within a county declared by FEMA at any time from and after September 16, 2018, through and including October 10, 2018, to be a major disaster area and in which FEMA has authorized individual assistance to homeowners in such county as a result of Hurricane Florence.

As of the date hereof, 270 Reference Obligations in Loan Group 1 (or approximately $0.30 \%$ of the Reference Obligations in Loan Group 1 by the Loan Group 1 Cut-off Date Balance) and 220 Reference Obligations in Loan Group 2 (or approximately $0.40 \%$ of the Reference Obligations in Loan Group 2 by the Loan Group 2 Cut-off Date Balance) will be removed from the Reference Pool after the Closing Date as Reference Pool Removals as a result of becoming FEMA Exclusion Loans after the selection of the Reference Pool on September 17, 2018. However, the full extent of the impact of Hurricane Florence is unknown as of the date hereof. The total number of Reference Obligations that will be removed from the Reference Pool after the Closing Date as a result of becoming FEMA Exclusion Loans may increase in the event FEMA designates additional counties as major disaster areas and authorizes individual assistance to assist homeowners in such counties as a result of Hurricane Florence after the date hereof.

Fannie Mae determined the composition of the Reference Pool
utilizing the multi-step process described below.

## Group 1

- All mortgage loans that Fannie Mae acquired between March 1, 2018 and April 30, 2018 (other than mortgage loans that were included as reference obligations in a previous Fannie Mae risk sharing transaction) were divided into two segments on a random basis.
- Loans that were included in the first segment were made available for potential selection for the Reference Pool. From the first segment, Fannie Mae identified those loans that met the Eligibility Criteria (such loans, the "Group 1 Available Loans").
- The loans included in the second segment were made available for potential selection for one or more unrelated Fannie Mae credit risk transactions and will not be included in the Reference Pool.

Group 2

- All mortgage loans that Fannie Mae acquired between February 1, 2018 and March 31, 2018 (other than mortgage loans that were included as reference obligations in a previous Fannie Mae risk sharing transaction) were divided into two segments on a random basis.
- Loans that were included in the first segment were made available for potential selection for the Reference Pool. From the first segment, Fannie Mae identified those loans that met the Eligibility Criteria (such loans, the "Group 2 Available Loans").
- The loans included in the second segment were made available for potential selection for one or more unrelated Fannie Mae credit risk transactions and will not be included in the Reference Pool.

The "Initial Cohort Pool" represents all of the Group 1 Available Loans and Group 2 Available Loans, excluding mortgage loans that were FEMA Exclusion Loans as of the end of day on September 16, 2018, that met the Eligibility Criteria at the time of their acquisition by Fannie Mae (other than those Eligibility Criteria that are determined as of the Cut-off Date). The table below summarizes the loan count, original unpaid principal
balance and key attributes of the mortgage loans included in the Initial Cohort Pool.

| Category | Loan Count | $\begin{gathered} \text { Aggregate } \\ \text { Original } \\ \text { Loan Balance } \end{gathered}$ |
| :---: | :---: | :---: |
| Initial Cohort Pool | 107,654 | \$26,547,188,000 |
| less loans that did not satisfy the delinquency criteria set forth in clause (c) of the Eligibility Criteria, less loans that paid in full, less quality control removals | 2,268 | \$549,875,000 |
| Reference Pool | 105,386 | \$25,997,313,000 |

## Group 1

The table below summarizes the loans in the Initial Cohort Pool having original loan-to-value ratios greater than $60 \%$ and less than or equal to $80 \%$ and which were excluded from the Reference Pool due to failure to satisfy the delinquency-related Eligibility Criteria, payoffs and quality control removals.

| Worst DQ |  |  |  |  |  |  | nt | atus ${ }^{(1)}$ |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Since Acquisition | Current | 30 | 60 | 90 | 120 | 150 | 180 | $>180$ | Paid in Full | QC <br> Removal | Repurchase |  |
| Current | $18^{(2)}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 655 | 0 | 2 | 675 |
| 30 | 399 | 188 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 589 |
| 60 | 9 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 90 | 3 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 120 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| >180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 429 | 189 | 19 | 8 | 3 | 0 | 0 | 0 | 657 | 0 | 2 | 1,307 |

[^0](2) Defects identified, but the loans remain subject to the rebuttal process as of August 13, 2018 and therefore excluded from eligibility

## Group 2

The table below summarizes the loans in the Initial Cohort Pool having original loan-to-value ratios greater than $80 \%$ and less than or equal to $97 \%$ and which were excluded from the

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Reference Pool due to failure to satisfy the delinquency-related Eligibility Criteria, payoffs and quality control removals.

| Worst DQ <br> Status Since Acquisition | Current Status ${ }^{(1)}$ |  |  |  |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Current | 30 | 60 | 90 | 120 | 150 | 180 | $>180$ | Paid in Full | $\begin{array}{\|c\|} \text { QC } \\ \text { Removal } \\ \hline \end{array}$ | Repurchase |  |
| Current | $6^{(2)}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 410 | 2 | 1 | 419 |
| 30 | 322 | 153 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 482 |
| 60 | 9 | 3 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| 90 | 7 | 0 | 1 | 9 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 18 |
| 120 | 1 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| >180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 345 | 157 | 25 | 9 | 4 | 0 | 0 | 0 | 418 | 2 | 1 | 961 |

(1) The above table takes into account acquisition eligibility criteria prior to the consideration of delinquency and other Cut-off Date eligibility requirements, which could understate such Cut-off Date eligibility exclusions.
(2) Defects identified, but the loans remain subject to the rebuttal process as of August 13, 2018 and therefore excluded from eligibility.

## Loan Acquisition Practices

## Underwriting Standards

All of the Reference Obligations were acquired from and serviced by loan sellers and servicers who are approved by Fannie Mae to conduct business with Fannie Mae. Fannie Mae relies on loan sellers to comply with Fannie Mae's standards and make underwriting decisions that result in investment quality loans. To protect Fannie Mae from acquiring loans that do not meet Fannie Mae's prescribed underwriting standards, loan sellers are required to make representations and warranties as to certain facts and circumstances concerning the loan sellers themselves and the mortgage loans they are selling. Representations and warranties required by Fannie Mae are described in the Mortgage Selling and Servicing Contract, the Fannie Mae Single-Family Selling Guide (the "Selling Guide"), the Fannie Mae Single-Family Servicing Guide (the "Servicing Guide") and other lender contracts (collectively, the "Lender Contract"). Subject to representation and warranty relief and sunset policies described in the prospectus, violation of any representation and warranty is a breach of the Lender Contract, entitling Fannie Mae to pursue certain remedies, including a loan repurchase request.

Fannie Mae's Selling Guide establishes the baseline credit standards for mortgage loans that Fannie Mae acquires from Fannie Mae's approved loan sellers. In evaluating a borrower's willingness and ability to repay the mortgage loan,
the loan seller must include documentation in the loan file that confirms that information provided by the borrower as part of the loan application is accurate and documents the loan seller's assessment of the borrower's credit history, employment, income, assets and other financial information. In addition, the loan seller must conduct a comprehensive risk assessment of each mortgage loan application prior to approving it. The loan seller is also responsible for the accuracy and completeness of the appraisal and its assessment of the marketability of the property as well as underwriting the appraisal report to determine whether the property presents adequate collateral for the mortgage loan.

## Desktop Underwriter

## Servicing Practices

## Fannie Mae's QC Process

## General

Fannie Mae conducts several different types of QC reviews on a sample basis with respect to mortgage loans, including
post-purchase reviews, early payment default reviews, servicing reviews and post-foreclosure reviews. Fannie Mae reviews a statistically valid random sample of newly acquired performing mortgage loans, and augments this random sample with targeted, discretionary sampling employing a number of technology tools and internal models to more accurately identify loans with characteristics that merit further scrutiny in discretionary reviews.

During the course of its post-purchase QC reviews, Fannie Mae may identify the following:

- $\quad$ significant eligibility violations;
- breaches of selling representations or warranties, including instances of fraud or misrepresentation or that a selling warranty the lender made is untrue;
- breaches of the terms of applicable contract provisions; or
- servicing deficiencies that have had a materially adverse effect on the value of the mortgage loan or the acquired property.

If Fannie Mae identifies any of the foregoing, Fannie Mae may require the immediate repurchase of a mortgage loan. Fannie Mae refers to defects that ultimately give rise to a repurchase obligation as "Eligibility Defects." In certain circumstances, Fannie Mae may provide the loan seller with an alternative to the immediate repurchase of a mortgage loan that does not meet Fannie Mae's requirements.

Under Fannie Mae's lender selling representations and warranties framework, lenders are relieved of certain selling representations and warranties that relate to the underwriting of loans delivered to Fannie Mae, provided that those loans have achieved an acceptable payment history or a successful full-file quality control review by Fannie Mae. Nonetheless, lenders will not be relieved from Fannie Mae's enforcement with respect to certain "life of loan representations and warranties," including, but not limited to, fraud and misrepresentation, validity of title and Fannie Mae Charter violations.

Any limitations on Fannie Mae's ability to require the repurchase of a mortgage loan is likely to reduce the rate of lender repurchases following certain breaches and thus may increase the exposure of investors to credit losses.

## Delinquent Mortgage Loans

Fannie Mae's current quality control process requires completion of an automated analysis of all defaulted loans that remain subject to loan seller repurchase obligations at the time of default. The objective is to determine the likelihood that a defect exists that will result in a repurchase by the loan seller. This automated analysis triggers referral to a specialist for a detailed review. The analysis takes into account the nature and circumstances of the borrower default, the timing and prior payment history of the borrower, the current status of the loan and/or property and other data elements that, based on Fannie Mae's experience, indicate that the default is correlated with a potential loan seller breach requiring a repurchase.

Fannie Mae's QC policies and procedures are generally subject to revision over time as a result of changes in the economic environment as well as changes in regulatory policies and requirements, including implementation of the "Single Security Initiative", among other factors. Further, Fannie Mae may at any time modify our servicing requirements and other procedures in light of our evolving business needs and to minimize losses to taxpayers and our shareholders, among other purposes. These changes may be adopted without regard to investors and in some cases may have a negative impact on Noteholders.

## Fannie Mae QC Results

Fannie Mae's post-purchase QC process is designed to evaluate the eligibility of the loans Fannie Mae acquires. In connection with Fannie Mae's post-purchase QC reviews for mortgage loans with LTV ratios greater than $60 \%$ and less than or equal to $80 \%$ that Fannie Mae acquired for the period from March 1, 2018 through April 30, 2018, Fannie Mae reviewed 1,261 mortgage loans out of the eligible production for the period March 1, 2018 through April 30, 2018, an approximate $1.96 \%$ sample, of which 1,188 are in the Reference Pool. Of the 1,261 mortgage loans, approximately $5.00 \%$ (or 63 mortgage loans) remain subject to Fannie Mae's post-purchase QC process as of August 13, 2018.

In connection with Fannie Mae's post-purchase QC reviews for mortgage loans with LTV ratios greater than $80 \%$ and less than or equal to $97 \%$ that Fannie Mae acquired for the period February 1, 2018 through March 31, 2018, Fannie Mae reviewed 1,510 mortgage loans out of the eligible production
for the February 1, 2018 through March 31, 2018, an approximate $3.35 \%$ sample, of which 1,423 are in the Reference Pool. Of the 1,510 mortgage loans, approximately $41.32 \%$ (or 624 mortgage loans) remain subject to Fannie Mae's post-purchase QC process as of August 13, 2018.

The following summary is preliminary and based on the most current information available as of August 13, 2018. The prospectus will contain additional information about the results of Fannie Mae's post purchase QC reviews.

| Type of Sample | Number of Loans Reviewed* | Loans With <br> Eligibility Defects | Share of Sample with Eligibility Defects |
| :---: | :---: | :---: | :---: |
| Loan Group 1 |  |  |  |
| Randomly |  |  |  |
| Selected... | 1,153 | 14 | 1.21\% |
| Loan Group 2 |  |  |  |
| Randomly |  |  |  |
| Selected ............. | 764 | $\underline{5}$ | 0.65\% |
| Total |  |  |  |
| Randomly |  |  |  |
| Selected ........ | 1,917 | 19 | 0.99\% |
| Loan Group 1 |  |  |  |
| Discretionary |  |  |  |
| Selections ..... | 108 | 7 | 6.48\% |
| Loan Group 2 |  |  |  |
| Discretionary |  |  |  |
| Selections .......... | 746 | 7 | 0.94\% |
| Total |  |  |  |
| Discretionary |  |  |  |
| Selections ...... | 854 | 14 | 1.64\% |
| Total ........... | 2,771 | 33 | 1.19\% |

[^1]None of the loans determined by Fannie Mae to have Eligibility Defects as of August 13, 2018 were included in the Reference Pool.

Due Diligence Review In connection with the issuance from time to time of Connecticut Avenue Securities, Fannie Mae engages third-party diligence providers (each, a "Diligence Provider") to conduct limited reviews of mortgage loans that Fannie Mae acquires in a specified calendar quarter and/or calendar month and includes in fully-guaranteed MBS. Each Diligence Provider selects for review a statistically valid, random sample of mortgage loan files (each, a "Diligence Sample") from a broader population of loans that were acquired in the applicable calendar quarter and/or calendar month and that received full credit and appraisal reviews (and a portion of which received compliance reviews) as part of Fannie Mae's random QC Process.

In its review of first quarter 2018 acquisitions, the relevant Diligence Provider selected a Diligence Sample of 999 mortgage loan files from a broader population of 4,956 loans (all of which met the Preliminary Eligibility Criteria). The related Diligence Sample included 231 Reference Obligations that were included in the final selection of the Reference Pool (92 Reference Obligations from Loan Group 1 and 139 Reference Obligations from Loan Group 2). The results of the first quarter 2018 review are described more fully in the related sections set forth under "The Reference Obligations" in the prospectus.

In its review of April 2018 acquisitions, the relevant Diligence Provider selected a Diligence Sample of 333 mortgage loan files from a broader population of 1,619 loans (all of which met the Preliminary Eligibility Criteria). The related Diligence Sample included 149 Reference Obligations that were included in the final selection of the Reference Pool (all of which are from Loan Group 1). The results of the April 2018 review are described more fully in the related sections set forth under "The Reference Obligations" in the prospectus.

The "Preliminary Eligibility Criteria" are the Eligibility Criteria other than the criteria specified in clauses (b), (c), (f) and (m) of the definition thereof and provided that for this purpose clauses (i) and (k) of the definition thereof are deemed to read as follows: "has an original loan-to-value ratio that is (i) greater than $60 \%$ and (ii) less than or equal to $97 \%$ ".

## Debt Agreement

Class Principal<br>Balance

The Notes will be issued pursuant to a debt agreement. The permissible Combinations of RCR Notes that may be issued in exchange for Exchangeable Notes are set forth on Schedule I hereto.

## Group 1

As of any Payment Date and for the Group 1 Notes (in each case without regard to any exchange of Group 1 Exchangeable Notes for Group 1 RCR Notes):
(a) the maximum dollar amount of principal to which the Holders of each related Class of Notes are then entitled, with such amount being equal to the initial Class Principal Balance of such Class of Notes, minus
(b) the aggregate amount of principal paid by Fannie Mae on such Class of Notes on such Payment Date and all prior Payment Dates, minus
(c) the aggregate amount of related Tranche Write-down Amounts allocated to reduce the Class Principal Balance of such Class of Notes on such Payment Date and on all prior Payment Dates, and plus
(d) the aggregate amount of related Tranche Write-up Amounts allocated to increase the Class Principal Balance of such Class of Notes on such Payment Date and on all prior Payment Dates.

The Class Principal Balance of each Class of Group 1 Notes (other than Group 1 RCR Notes) will at all times equal the Class Notional Amount of the Group 1 Reference Tranche that corresponds to such Class of Notes. For the avoidance of doubt, no Tranche Write-up Amount or Tranche Write-down Amount will be applied twice on the same Payment Date. The Class Principal Balance of each outstanding Class of Group 1 RCR Notes entitled to principal will be equal to the outstanding Class Principal Balance of the Exchangeable Notes that were exchanged for such Group 1 RCR Notes.

## Group 2

As of any Payment Date and for the Group 2 Notes (in each case without regard to any exchange of Group 2 Exchangeable Notes for Group 2 RCR Notes):
(a) the maximum dollar amount of principal to which the Holders of each related Class of Notes are then entitled, with such amount being equal to the initial Class Principal Balance of

Interest Accrual Amount

## Interest Payment Amount

such Class of Notes, minus
(b) the aggregate amount of principal paid by Fannie Mae on such Class of Notes on such Payment Date and all prior Payment Dates, minus
(c) the aggregate amount of related Tranche Write-down Amounts allocated to reduce the Class Principal Balance of such Class of Notes on such Payment Date and on all prior Payment Dates, and plus
(d) the aggregate amount of related Tranche Write-up Amounts allocated to increase the Class Principal Balance of such Class of Notes on such Payment Date and on all prior Payment Dates.

The Class Principal Balance of each Class of Group 2 Notes (other than Group 2 RCR Notes) will at all times equal the Class Notional Amount of the Group 2 Reference Tranche that corresponds to such Class of Notes. For the avoidance of doubt, no Tranche Write-up Amount or Tranche Write-down Amount will be applied twice on the same Payment Date. The Class Principal Balance of each outstanding Class of Group 2 RCR Notes entitled to principal will be equal to the outstanding Class Principal Balance of the Exchangeable Notes that were exchanged for such Group 2 RCR Notes.

With respect to each outstanding Class of Notes (and, solely for purposes of calculating allocations of any Modification Loss Amounts, the Class 1B-2H Reference Tranche and the Class 2B-2H Reference Tranche) and any Payment Date, an amount equal to the accrued interest at the class coupon on the Class Principal Balance or Class Notional Amount, as applicable, of each Class of Notes immediately prior to such Payment Date.

With respect to each outstanding Class of Notes and any Payment Date, the amount that Noteholders thereof will be entitled to receive from the Interest Accrual Amount for such Class of Notes, less any Modification Loss Amount for such Payment Date allocated to reduce such amount for such Class of Notes. In each case, interest amounts that are payable by Fannie Mae on the related Exchangeable Notes will be allocated to and payable on any outstanding RCR Notes.

## Principal Payment Group 1

Except as described below, on each Payment Date, Fannie Mae will pay principal to Holders of each outstanding Class of Group 1 Notes (without regard to any exchanges of Group 1 Exchangeable Notes for Group 1 RCR Notes) in an amount equal to the portion of the related Senior Reduction Amount or Subordinate Reduction Amount, as applicable, allocated to the corresponding Group 1 Reference Tranche

## Event of Default

An "Event of Default" for a Group of Notes under the Debt

Agreement will consist of:
(a) any failure by Fannie Mae to pay principal or interest on a related Note that continues unremedied for 30 days;
(b) any failure by Fannie Mae to perform in any material respect any other obligation under the Debt Agreement if the failure continues unremedied for 60 days after Fannie Mae receives notification by the Holders of at least $25 \%$ of the outstanding Class Principal Balance of the related Notes (with the outstanding Class Principal Balances of the Exchangeable Notes to be determined without regard to any exchanges for RCR Notes); or
(c) specified events of bankruptcy, insolvency or similar proceedings involving Fannie Mae.

Holders of RCR Notes will be entitled to exercise all the voting or direction rights that are otherwise allocated to the related Exchangeable Notes; provided, however, that Holders of any outstanding RCR Notes (other than the Interest Only RCR Notes) will be entitled to exercise their pro rata shares of $99 \%$ of the voting or direction rights that are otherwise allocated to the related Exchangeable Notes, and Holders of any outstanding Interest Only RCR Notes will be entitled to exercise $1 \%$ of the voting or direction rights that are otherwise allocated to the related Exchangeable Notes.

The appointment of a conservator (or other similar official) by a regulator having jurisdiction over Fannie Mae, whether or not Fannie Mae consents to such appointment, will not constitute an Event of Default.

## Rights Upon Event of Default

If an Event of Default under the Debt Agreement continues unremedied, Holders of not less than $50 \%$ of the Class Principal Balance amount of each Class of Notes (with the outstanding Class Principal Balances of Exchangeable Notes to be determined without regard to any exchanges for RCR Notes) to which such Event of Default relates may, by written notice to Fannie Mae, declare such Notes due and payable.

No Noteholder has any right under the Debt Agreement to institute any action or proceeding at law or in equity or in bankruptcy or otherwise, or for the appointment of a receiver or trustee, or for any other remedy, unless:
(a) the Noteholder has previously given Fannie Mae written notice of an Event of Default and of the continuance thereof;
(b) the Holders of not less than $50 \%$ of the outstanding Class Principal Balance of each Class of Notes to which such Event

## Exchange Administration

of Default relates (with the outstanding Class Principal Balances of the Exchangeable Notes to be determined without regard to any exchanges for RCR Notes) have given Fannie Mae written notice of the Event of Default; and
(c) the Event of Default continues uncured for 60 days following such notice.

The Holders of not less than $50 \%$ of the outstanding Class Principal Balance of each Class of Notes (with the outstanding Class Principal Balances of the Exchangeable Notes to be determined without regard to any exchanges for RCR Notes) to which an Event of Default relates may waive, rescind or annul such Event of Default as it relates to such Class at any time.

Holders of such RCR Notes will be entitled to exercise all the voting or direction rights otherwise allocable to the related Exchangeable Notes as further described in the prospectus.

Under the Global Agency Agreement, the Exchange Administrator will be engaged by Fannie Mae to perform certain administrative functions with respect to exchanging Exchangeable Notes for RCR Notes and vice versa. The Exchange Administrator will, among other duties set forth in the Global Agency Agreement, administer all exchanges of Exchangeable Notes for RCR Notes and vice versa, which will include receiving notices of requests for such exchanges from Noteholders, accepting the Notes to be exchanged, and giving notice to the Global Agent of all such exchanges. The Exchange Administrator will notify the Global Agent with respect to any exchanges of Exchangeable Notes for RCR Notes (and vice versa) at the time of such exchange, and the Global Agent will make all subsequent payments in accordance with such notice, unless notified of a subsequent exchange by the Exchange Administrator.

## INVESTMENT CONSIDERATIONS

United States Federal Fannie Mae expects to receive an opinion from Hunton Andrews

Tax
Consequences

Kurth LLP that, although the matter is not free from doubt, each of the Class $1 \mathrm{M}-1$, Class $1 \mathrm{M}-2 \mathrm{~A}$, Class $1 \mathrm{M}-2 \mathrm{~B}$, Class $1 \mathrm{M}-2 \mathrm{C}$, Class $2 \mathrm{M}-$ 1 , Class $2 \mathrm{M}-2 \mathrm{~A}$, Class $2 \mathrm{M}-2 \mathrm{~B}$ and Class $2 \mathrm{M}-2 \mathrm{C}$ Notes sold on the Closing Date (including through a sale of RCR Notes) to a person unrelated to Fannie Mae will be characterized as indebtedness for U.S. federal income tax purposes. Fannie Mae and each Holder of such a Note, by acceptance of such Note, will agree to treat such Note as indebtedness of Fannie Mae for all U.S. federal income tax purposes unless otherwise required by law. The arrangement under which the RCR Notes are created will be classified as a grantor trust for U.S. federal income tax purposes. The RCR Notes represent
beneficial ownership interests in the applicable Exchangeable Notes for U.S. federal income tax purposes.

The Class 1B-1 and Class 2B-1 Notes could be characterized as derivatives, guarantee contracts, debt instruments or equity instruments for U.S. federal income tax purposes. While the characterization is not entirely clear, Fannie Mae intends to take the position that each Class 1B-1 and Class 2B-1 Note will be treated as a notional principal contract for U.S. federal income tax purposes (other than for purposes of U.S. federal withholding tax).

Because the U.S. federal income tax characterization of the Class 1B1 and Class 2B-1 Notes is uncertain, the characterization of payments on the Class 1B-1 and Class 2B-1 Notes for U.S. withholding tax purposes is also uncertain. As a result, to the extent that Fannie Mae makes payments to a beneficial owner not exempt from withholding with respect to a Class 1B-1 or Class 2B-1 Note, Fannie Mae and its paying agent intend to withhold U.S. federal income tax on the entire amount of each class coupon payment (as adjusted as a result of any Modification Events) with respect to such Class 1B-1 or Class 2B-1 Note. Further, Fannie Mae expects that other withholding agents making such payments to a non-U.S. beneficial owner will also withhold on such payments. Fannie Mae will not gross up for such withheld amounts. Accordingly, potential investors that are not U.S. persons should consult with their tax advisors regarding the suitability of the Class 1B-1 and Class 2B-1 Notes for investment.

## ERISA Considerations

Subject to the terms and considerations in the prospectus, the Notes are eligible to be purchased by employee benefit plans and entities holding the assets of any such plan.

Legal Investment

EU Risk Retention

Notes Not Listed

The Notes will not be "mortgage related securities" for purposes of the Secondary Mortgage Market Enhancement Act of 1984, as amended ("SMMEA"). No representation is or will be made as to the proper characterization of the Notes for legal investment or other purposes, the ability of particular investors to purchase Notes for legal investment or other purposes or the ability of particular investors to purchase the Notes under applicable legal investment or other restrictions.

In connection with Article 405(1) of EU Regulation 575/2013, Fannie Mae will retain a material net economic interest in the exposure related to the Notes issuance transaction of not less than $5 \%$.

At the time of issuance, the Notes are not expected to be listed on any national securities exchange or traded on any automated quotation
systems of any registered securities association.

## Registration and Denomination

Record Date

The Notes will be issuable in book-entry form through DTC, Euroclear and Clearstream in minimum denominations of $\$ 10,000$ with integral multiples of $\$ 1$ in excess thereof. The Notes are being offered only to "Qualified Institutional Buyers" (as defined in Rule 144A under the Securities Act).

The business day preceding a Payment Date, with respect to beneficial interests in book-entry Notes and the last business day of the preceding month of a Payment Date, with respect to definitive Notes.

## EXAMPLE OF PAYMENTS

The following sets forth an example of reporting of principal payments from borrowers on the Reference Obligations and payments on the Notes for the Payment Date in October 2018:

| August 1 through August 31 | Reporting Period | The Master Servicer will report principal <br> payments on the Reference Obligations in <br> each Loan Group received during the <br> related Reporting Period (August 1 <br> through August 31) from borrowers <br> including scheduled principal and full and <br> partial principal prepayments. |
| :--- | :--- | :--- |
| August 31 | Delinquency <br> Determination <br> Date | The Master Servicer will report the MBA <br> delinquency status on the Reference <br> Obligations in each Loan Group <br> determined as of the Delinquency <br> Determination Date (August 31). |
| October 11 | Master Servicer <br> Remittance Date | Master Servicer will provide remittance <br> file in respect of the Reference <br> Obligations in each Loan Group to the <br> Global Agent on or prior to the 8th <br> business day of each month. |
| October 24 | Record Date | Distributions on each Payment Date will <br> be made to Holders of record for all <br> classes of Notes as of the business day <br> immediately preceding such Payment <br> Date. |
| October 25 | Payment Date | On the 25 th day of each month (or if the <br> $25^{\text {th }}$ day is not a business day, the next <br> business day), the Issuer will make <br> payments to Noteholders. |

Succeeding months will follow the same pattern.

## CONNECTICUT AVENUE SECURITIES, SERIES 2018-C06 RCR NOTES AVAILABLE COMBINATIONS AND RECOMBINATIONS

| Combination | Class of Exchangeable or RCR Note | Maximum <br> Original <br> Balance / <br> Notional <br> Amount (\$) | Exchange <br> Proportions (\%) ${ }^{(1)}$ | Class of RCR Note | Maximum Original Balance / Notional Amount (\$) | Exchange <br> Proportions (\%) ${ }^{(1)}$ | Class Coupon (\%) | $\begin{gathered} \text { Expected } \\ \text { Ratings } \\ \text { (Fitch/KBRA) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1M-2A | \$117,802,000 | 33.3333333333\% | 1M-2 | \$353,406,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | Bsf/[BB] (sf) |
|  | 1M-2B | \$117,802,000 | 33.3333333333\% |  |  |  |  |  |
|  | 1M-2C | \$117,802,000 | 33.3333333333\% |  |  |  |  |  |
| 2 | $1 \mathrm{M}-2 \mathrm{~A}$ | \$117,802,000 | 100.0000000000\% | 1E-A1 | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | $\mathrm{BBsf} /[\mathrm{BBB}](\mathrm{sf})$ |
|  |  |  |  | 1A-I1 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | BBsf/[BBB] (sf) |
| 3 | $1 \mathrm{M}-2 \mathrm{~A}$ | \$117,802,000 | 100.0000000000\% | 1E-A2 | $\$ 117,802,000$ | $100.0000000000 \%$ | $1 \mathrm{~mL}+\ldots$ | $\mathrm{BBsf} /[\mathrm{BBB}](\mathrm{sf})$ |
|  |  |  |  | 1A-I2 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{BBsf} /[\mathrm{BBB}]$ (sf) |
| 4 | $1 \mathrm{M}-2 \mathrm{~A}$ | \$117,802,000 | 100.0000000000\% | 1E-A3 | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | $\mathrm{BBsf} /[\mathrm{BBB}]$ (sf) |
|  |  |  |  | 1A-I3 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{BBsf} /[\mathrm{BBB}]$ (sf) |
| 5 | $1 \mathrm{M}-2 \mathrm{~A}$ | \$117,802,000 | 100.0000000000\% | 1E-A4 | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BBsf/[BBB] (sf) |
|  |  |  |  | 1A-I4 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{BBsf} /[\mathrm{BBB}]$ (sf) |
| 6 | $1 \mathrm{M}-2 \mathrm{~B}$ | \$117,802,000 | 100.0000000000\% | 1E-B1 | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BBB-] (sf) |
|  |  |  |  | 1B-I1 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{BB}-\mathrm{sf} /[\mathrm{BBB}-]$ (sf) |
| 7 | 1M-2B | \$117,802,000 | 100.0000000000\% | 1E-B2 | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BBB-] (sf) |
|  |  |  |  | 1B-I2 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | BB-sf/[BBB-] (sf) |
| 8 | 1M-2B | \$117,802,000 | 100.0000000000\% | 1E-B3 | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BBB-] (sf) |
|  |  |  |  | 1B-I3 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | BB-sf/[BBB-] (sf) |
| 9 | 1M-2B | \$117,802,000 | 100.0000000000\% | 1E-B4 | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BBB-] (sf) |
|  |  |  |  | 1B-I4 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | $\%{ }^{(3)}$ | BB-sf/[BBB-] (sf) |
| 10 | 1M-2C | \$117,802,000 | 100.0000000000\% | $1 \mathrm{E}-\mathrm{C} 1$ | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | Bsf/[BB] (sf) |
|  |  |  |  | 1C-I1 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{Bsf} /[\mathrm{BB}]$ (sf) |
| 11 | 1M-2C | \$117,802,000 | 100.0000000000\% | 1E-C2 | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | Bsf/[BB] (sf) |
|  |  |  |  | 1C-I2 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{Bsf} /[\mathrm{BB}]$ (sf) |
| 12 | 1M-2C | \$117,802,000 | 100.0000000000\% | $1 \mathrm{E}-\mathrm{C} 3$ | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | Bsf/[BB] (sf) |
|  |  |  |  | 1C-I3 | \$117,802,000 ${ }^{(2)}$ | $100.0000000000 \%$ | \% ${ }^{(3)}$ | $\mathrm{Bsf} /[\mathrm{BB}]$ (sf) |
| 13 | 1M-2C | \$117,802,000 | 100.0000000000\% | $1 \mathrm{E}-\mathrm{C} 4$ | \$117,802,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | $\mathrm{Bsf} /[\mathrm{BB}]$ (sf) |
|  |  |  |  | 1C-I4 | \$117,802,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | Bsf/[BB] (sf) |
| 14 | 1E-A1 | \$117,802,000 | $50.0000000000 \%$ | 1E-D1 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BBB-] (sf) |
|  | 1E-B1 | \$117,802,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 15 | 1E-A2 | \$117,802,000 | $50.0000000000 \%$ | 1E-D2 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \%$ | BB-sf/[BBB-] (sf) |
|  | 1E-B2 | \$117,802,000 | 50.0000000000\% |  |  |  |  |  |
| 16 | 1E-A3 | \$117,802,000 | $50.0000000000 \%$ | 1E-D3 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | BB-sf/[BBB-] (sf) |
|  | 1E-B3 | \$117,802,000 | 50.0000000000\% |  |  |  |  |  |
| 17 | 1E-A4 | \$117,802,000 | 50.0000000000\% | 1E-D4 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BBB-] (sf) |
|  | 1E-B4 | \$117,802,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 18 | $1 \mathrm{M}-2 \mathrm{~A}$ | \$117,802,000 | $50.0000000000 \%$ | 1E-D5 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BBB-] (sf) |
|  | 1M-2B | \$117,802,000 | 50.0000000000\% |  |  |  |  |  |
| 19 | 1E-B1 | \$117,802,000 | $50.0000000000 \%$ | 1E-F1 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | Bsf/[BB] (sf) |
|  | $1 \mathrm{E}-\mathrm{C} 1$ | \$117,802,000 | 50.0000000000\% |  |  |  |  |  |
| 20 | 1E-B2 | \$117,802,000 | 50.0000000000\% | 1E-F2 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | Bsf/[BB] (sf) |
|  | $1 \mathrm{E}-\mathrm{C} 2$ | \$117,802,000 | 50.0000000000\% |  |  |  |  |  |
| 21 | 1E-B3 | \$117,802,000 | $50.0000000000 \%$ | 1E-F3 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | Bsf/[BB] (sf) |
|  | 1E-C3 | \$117,802,000 | 50.0000000000\% |  |  |  |  |  |

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| Combination | Class of Exchangeable or RCR Note | Maximum Original Balance / Notional Amount (\$) | Exchange <br> Proportions (\%) ${ }^{(1)}$ | Class of RCR Note | Maximum Original Balance / Notional Amount (\$) | Exchange <br> Proportions (\%) ${ }^{(1)}$ | Class Coupon $(\%)$ | Expected Ratings (Fitch/KBRA) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 22 | 1E-B4 | \$117,802,000 | 50.0000000000\% | 1E-F4 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | Bsf/[BB] (sf) |
|  | $1 \mathrm{E}-\mathrm{C} 4$ | \$117,802,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 23 | 1M-2B | \$117,802,000 | $50.0000000000 \%$ | 1E-F5 | \$235,604,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | Bsf/[BB] (sf) |
|  | 1M-2C | \$117,802,000 | 50.0000000000\% |  |  |  |  |  |
| 24 | 1A-I1 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 1-X1 | \$235,604,000 ${ }^{(2)}$ | 100.0000000000\% | $\%{ }^{(4)}$ | BB-sf/[BBB-] (sf) |
|  | 1B-I1 | \$117,802,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 25 | 1A-I2 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 1-X2 | \$235,604,000 ${ }^{(2)}$ | 100.0000000000\% | $\%{ }^{(4)}$ | BB-sf/[BBB-] (sf) |
|  | 1B-I2 | \$117,802,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 26 | 1A-I3 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 1-X3 | \$235,604,000 ${ }^{(2)}$ | 100.0000000000\% | $\%{ }^{(4)}$ | BB-sf/[BBB-] (sf) |
|  | 1B-I3 | \$117,802,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 27 | 1A-I4 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 1-X4 | \$235,604,000 ${ }^{(2)}$ | 100.0000000000\% | $\%{ }^{(4)}$ | BB-sf/[BBB-] (sf) |
|  | 1B-I4 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 28 | 1B-I1 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 1-Y1 | \$235,604,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(4)}$ | Bsf/[BB] (sf) |
|  | 1C-I1 | \$117,802,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 29 | 1B-I2 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 1-Y2 | \$235,604,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(4)}$ | Bsf/[BB] (sf) |
|  | 1C-I2 | \$117,802,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 30 | 1B-I3 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 1-Y3 | \$235,604,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(4)}$ | Bsf/[BB] (sf) |
|  | 1C-I3 | \$117,802,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 31 | 1B-I4 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 1-Y4 | \$235,604,000 ${ }^{(2)}$ | 100.0000000000\% | $\%{ }^{(4)}$ | $\mathrm{Bsf} /[\mathrm{BB}]$ (sf) |
|  | 1C-I4 | \$117,802,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 32 | 1M-2C | \$117,802,000 | $100.0000000000 \%$ | 1-J1 | \$117,802,000 ${ }^{(5)}$ | 100.0000000000\% | (6) | Bsf/[BB] (sf) |
|  | 1-X1 | \$235,604,000 ${ }^{(2)}$ | $200.0000000000 \%$ |  |  |  |  |  |
| 33 | $1 \mathrm{M}-2 \mathrm{C}$ | \$117,802,000 | 100.0000000000\% | 1-J2 | \$117,802,000 ${ }^{(5)}$ | 100.0000000000\% | ${ }^{(6)}$ | Bsf/[BB] (sf) |
|  | 1-X2 | \$235,604,000 ${ }^{(2)}$ | 200.0000000000\% |  |  |  |  |  |
| 34 | $1 \mathrm{M}-2 \mathrm{C}$ | \$117,802,000 | 100.0000000000\% | 1-J3 | \$117,802,000 ${ }^{(5)}$ | 100.0000000000\% | ${ }^{(6)}$ | Bsf/[BB] (sf) |
|  | 1-X3 | \$235,604,000 ${ }^{(2)}$ | $200.0000000000 \%$ |  |  |  |  |  |
| 35 | 1M-2C | \$117,802,000 | 100.0000000000\% | 1-J4 | \$117,802,000 ${ }^{(5)}$ | 100.0000000000\% | ${ }^{(6)}$ | Bsf/[BB] (sf) |
|  | 1-X4 | \$235,604,000 ${ }^{(2)}$ | 200.0000000000\% |  |  |  |  |  |
| 36 | 1E-F5 | \$235,604,000 | $100.0000000000 \%$ | 1-K1 | \$235,604,000 ${ }^{(5)}$ | 100.0000000000\% | ${ }^{(6)}$ | Bsf/[BB] (sf) |
|  | 1A-I1 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 37 | 1E-F5 | \$235,604,000 | 100.0000000000\% | 1-K2 | \$235,604,000 ${ }^{(5)}$ | 100.0000000000\% | ${ }^{(6)}$ | Bsf/[BB] (sf) |
|  | 1A-I2 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 38 | 1E-F5 | \$235,604,000 | 100.0000000000\% | 1-K3 | \$235,604,000 ${ }^{(5)}$ | 100.0000000000\% | ${ }^{(6)}$ | Bsf/[BB] (sf) |
|  | 1A-I3 | \$117,802,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 39 | 1E-F5 | \$235,604,000 | 100.0000000000\% | 1-K4 | \$235,604,000 ${ }^{(5)}$ | 100.0000000000\% | ${ }^{(6)}$ | $\mathrm{Bsf} /[\mathrm{BB}]$ (sf) |
|  | 1A-I4 | \$117,802,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 40 | $2 \mathrm{M}-2 \mathrm{~A}$ | \$76,677,000 | 33.3333333333\% | 2M-2 | \$230,031,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | Bsf/[B+] (sf) |
|  | $2 \mathrm{M}-2 \mathrm{~B}$ | \$76,677,000 | 33.3333333333\% |  |  |  |  |  |
|  | 2M-2C | \$76,677,000 | 33.3333333333\% |  |  |  |  |  |
| 41 | $2 \mathrm{M}-2 \mathrm{~A}$ | \$76,677,000 | 100.0000000000\% | 2E-A1 | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | BBsf/[BBB-] (sf) |
|  |  |  |  | 2A-I1 | \$76,677,000 ${ }^{(2)}$ | $100.0000000000 \%$ | \% ${ }^{(3)}$ | BBsf/[BBB-] (sf) |
| 42 | $2 \mathrm{M}-2 \mathrm{~A}$ | \$76,677,000 | 100.0000000000\% | 2E-A2 | \$76,677,000 | $100.0000000000 \%$ | $1 \mathrm{~mL}+\ldots \%$ | BBsf/[BBB-] (sf) |
|  |  |  |  | 2A-I2 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{BBsf} /[\mathrm{BBB}-]$ (sf) |
| 43 | $2 \mathrm{M}-2 \mathrm{~A}$ | \$76,677,000 | 100.0000000000\% | 2E-A3 | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BBsf/[BBB-] (sf) |
|  |  |  |  | 2A-I3 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | $\ldots \%^{(3)}$ | BBsf/[BBB-] (sf) |
| 44 | $2 \mathrm{M}-2 \mathrm{~A}$ | \$76,677,000 | 100.0000000000\% | 2E-A4 | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | BBsf/[BBB-] (sf) |
|  |  |  |  | 2A-I4 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ |  |
| 45 | 2M-2B | \$76,677,000 | 100.0000000000\% | 2E-B1 | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | BB-sf/[BB] (sf) |
|  |  |  |  | 2B-I1 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | - $\%^{(3)}$ | BB-sf/[BB] (sf) |
| 46 | 2M-2B | \$76,677,000 | 100.0000000000\% | 2E-B2 | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \%$ | BB-sf/[BB] (sf) |

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| Combination | Class of Exchangeable or RCR Note | Maximum <br> Original <br> Balance / <br> Notional <br> Amount (\$) | Exchange <br> Proportions (\%) ${ }^{(1)}$ | Class of RCR Note | Maximum Original Balance / Notional Amount (\$) | Exchange <br> Proportions (\%) ${ }^{(1)}$ | Class Coupon (\%) | $\begin{gathered} \text { Expected } \\ \text { Ratings } \\ \text { (Fitch/KBRA) } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 2B-I2 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | BB-sf/[BB] (sf) |
| 47 | $2 \mathrm{M}-2 \mathrm{~B}$ | \$76,677,000 | 100.0000000000\% | 2E-B3 | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BB] (sf) |
|  |  |  |  | 2B-I3 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | BB-sf/[BB] (sf) |
| 48 | 2M-2B | \$76,677,000 | 100.0000000000\% | 2E-B4 | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BB] (sf) |
|  |  |  |  | 2B-I4 | \$76,677,000 ${ }^{(2)}$ | $100.0000000000 \%$ | \% ${ }^{(3)}$ | BB-sf/[BB] (sf) |
| 49 | $2 \mathrm{M}-2 \mathrm{C}$ | \$76,677,000 | 100.0000000000\% | $2 \mathrm{E}-\mathrm{C} 1$ | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  |  |  |  | 2C-I1 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
| 50 | 2M-2C | \$76,677,000 | 100.0000000000\% | 2E-C2 | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \%$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  |  |  |  | 2C-I2 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
| 51 | 2M-2C | \$76,677,000 | 100.0000000000\% | $2 \mathrm{E}-\mathrm{C} 3$ | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  |  |  |  | 2C-I3 | \$76,677,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(3)}$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
| 52 | $2 \mathrm{M}-2 \mathrm{C}$ | \$76,677,000 | 100.0000000000\% | $2 \mathrm{E}-\mathrm{C} 4$ | \$76,677,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  |  |  |  | 2C-I4 | \$76,677,000 ${ }^{(2)}$ | $100.0000000000 \%$ | \% ${ }^{(3)}$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
| 53 | $2 \mathrm{E}-\mathrm{A} 1$ | \$76,677,000 | $50.0000000000 \%$ | 2E-D1 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BB] (sf) |
|  | 2E-B1 | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 54 | 2E-A2 | \$76,677,000 | $50.0000000000 \%$ | 2E-D2 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | BB-sf/[BB] (sf) |
|  | 2E-B2 | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 55 | 2E-A3 | \$76,677,000 | $50.0000000000 \%$ | 2E-D3 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BB] (sf) |
|  | 2E-B3 | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 56 | 2E-A4 | \$76,677,000 | $50.0000000000 \%$ | 2E-D4 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | BB-sf/[BB] (sf) |
|  | 2E-B4 | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 57 | $2 \mathrm{M}-2 \mathrm{~A}$ | \$76,677,000 | $50.0000000000 \%$ | 2E-D5 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots$ | BB-sf/[BB] (sf) |
|  | $2 \mathrm{M}-2 \mathrm{~B}$ | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 58 | 2E-B1 | \$76,677,000 | $50.0000000000 \%$ | 2E-F1 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  | 2E-C1 | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 59 | 2E-B2 | \$76,677,000 | $50.0000000000 \%$ | 2E-F2 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | Bsf/[B+] (sf) |
|  | 2E-C2 | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 60 | 2E-B3 | \$76,677,000 | $50.0000000000 \%$ | 2E-F3 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | Bsf/[B+] (sf) |
|  | 2E-C3 | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 61 | 2E-B4 | \$76,677,000 | $50.0000000000 \%$ | 2E-F4 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \ldots$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  | $2 \mathrm{E}-\mathrm{C} 4$ | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 62 | 2M-2B | \$76,677,000 | $50.0000000000 \%$ | 2E-F5 | \$153,354,000 | 100.0000000000\% | $1 \mathrm{~mL}+\ldots \%$ | Bsf/[B+] (sf) |
|  | $2 \mathrm{M}-2 \mathrm{C}$ | \$76,677,000 | $50.0000000000 \%$ |  |  |  |  |  |
| 63 | 2A-I1 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 2-X1 | \$153,354,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(4)}$ | BB-sf/[BB] (sf) |
|  | 2B-I1 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 64 | 2A-I2 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 2-X2 | \$153,354,000 ${ }^{(2)}$ | 100.0000000000\% | $\ldots \%{ }^{(4)}$ | BB-sf/[BB] (sf) |
|  | 2B-I2 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 65 | 2A-I3 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 2-X3 | \$153,354,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(4)}$ | BB-sf/[BB] (sf) |
|  | 2B-I3 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 66 | 2A-I4 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 2-X4 | \$153,354,000 ${ }^{(2)}$ | 100.0000000000\% | $\%{ }^{(4)}$ | BB-sf/[BB] (sf) |
|  | 2B-I4 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 67 | 2B-I1 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 2-Y1 | \$153,354,000 ${ }^{(2)}$ | 100.0000000000\% | \% ${ }^{(4)}$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  | 2C-I1 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 68 | 2B-I2 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 2-Y2 | \$153,354,000 ${ }^{(2)}$ | 100.0000000000\% | $\ldots \%^{(4)}$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  | 2C-I2 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 69 | 2B-I3 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 2-Y3 | \$153,354,000 ${ }^{(2)}$ | 100.0000000000\% | $\%^{(4)}$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  | 2C-I3 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 70 | 2B-I4 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ | 2-Y4 | \$153,354,000 ${ }^{(2)}$ | 100.0000000000\% | $\ldots{ }^{(4)}$ | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  | 2C-I4 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |

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| Combination | Class of Exchangeable or RCR Note | Maximum Original Balance / Notional Amount (\$) | Exchange <br> Proportions (\%) ${ }^{(1)}$ | Class of RCR Note | Maximum Original Balance / Notional Amount (\$) | Exchange <br> Proportions (\%) ${ }^{(1)}$ | $\begin{gathered} \text { Class } \\ \text { Coupon } \\ (\%) \end{gathered}$ | Expected Ratings (Fitch/KBRA) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 71 | 2M-2C | \$76,677,000 | 100.0000000000\% | 2-J1 | \$76,677,000 ${ }^{(5)}$ | 100.0000000000\% | (6) | Bsf/[B+] (sf) |
|  | 2-X1 | \$153,354,000 ${ }^{(2)}$ | 200.0000000000\% |  |  |  |  |  |
| 72 | 2M-2C | \$76,677,000 | 100.0000000000\% | 2-J2 | \$76,677,000 ${ }^{(5)}$ | 100.0000000000\% | (6) | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  | 2-X2 | \$153,354,000 ${ }^{(2)}$ | 200.0000000000\% |  |  |  |  |  |
| 73 | 2M-2C | \$76,677,000 | 100.0000000000\% | 2-J3 | \$76,677,000 ${ }^{(5)}$ | 100.0000000000\% | (6) | $\mathrm{Bsf} /[\mathrm{B}+]$ (sf) |
|  | 2-X3 | \$153,354,000 ${ }^{(2)}$ | 200.0000000000\% |  |  |  |  |  |
| 74 | $2 \mathrm{M}-2 \mathrm{C}$ | \$76,677,000 | 100.0000000000\% | 2-J4 | \$76,677,000 ${ }^{(5)}$ | 100.0000000000\% | (6) | Bsf/[B+] (sf) |
|  | 2-X4 | \$153,354,000 ${ }^{(2)}$ | 200.0000000000\% |  |  |  |  |  |
| 75 | 2E-F5 | \$153,354,000 | 100.0000000000\% | 2-K1 | \$153,354,000 ${ }^{(5)}$ | 100.0000000000\% | (6) | Bsf/[B+] (sf) |
|  | 2A-I1 | \$76,677,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 76 | 2E-F5 | \$153,354,000 | 100.0000000000\% | 2-K2 | \$153,354,000 ${ }^{(5)}$ | 100.0000000000\% | (6) | Bsf/[ $\mathrm{B}+]$ (sf) |
|  | 2A-I2 | \$76,677,000 ${ }^{(2)}$ | $50.0000000000 \%$ |  |  |  |  |  |
| 77 | 2E-F5 | \$153,354,000 | 100.0000000000\% | 2-K3 | \$153,354,000 ${ }^{(5)}$ | $100.0000000000 \%$ | (6) | Bsf/[B+] (sf) |
|  | 2A-I3 | \$76,677,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |
| 78 | 2E-F5 | \$153,354,000 | 100.0000000000\% | 2-K4 | \$153,354,000 ${ }^{(5)}$ | 100.0000000000\% | (6) | Bsf/[B+] (sf) |
|  | 2A-I4 | \$76,677,000 ${ }^{(2)}$ | 50.0000000000\% |  |  |  |  |  |

${ }^{(1)}$ Exchange proportions are constant proportions of the original Class Principal Balances or Class Notional Amounts, as applicable, of the Class or Classes of Exchangeable or RCR Notes being exchanged. For any combinations that include both a Class of Notes with a Class Notional Amount and a Class of Notes with a Class Principal Balance, the exchange proportion shown relates to the aggregate original Class Principal Balance of the Class or Classes of Exchangeable or RCR Notes being received in such exchange. In accordance with the exchange proportions, Holders of Exchangeable Notes may exchange those Notes for RCR Notes, and vice versa. In addition, Holders of certain Classes of RCR Notes may exchange those Notes for other Classes of RCR Notes, and vice versa.
(2) This Class is an interest only class with a Class Notional Amount as of any Payment Date equal to a specified percentage of the aggregate outstanding Class Principal Balance of the related Exchangeable or RCR Note or Notes.
(3) The interest payment on each of these Classes of Interest Only RCR Notes for a Payment Date represents a portion of the interest payment on the Class of Exchangeable Notes included in the related Combination for that Payment Date. For any Payment Date for which One-Month LIBOR is less than the applicable value set forth below (the "Negative LIBOR Trigger"), the interest payment on the specified Class of Interest Only RCR Notes will be calculated as the lesser of (x) the amount calculated based on the Class Coupon set forth above for that Class and (y) the excess of (i) the interest amount payable on the related Class of Exchangeable Notes for that Payment Date over (ii) the interest amount payable on the Class of floating rate RCR Notes included in the same Combination for that Payment Date.

| Class of Interest Only RCR Notes | Negative LIBOR Trigger |
| :---: | :---: |
| Class 1A-I1 Notes. | -__\% |
| Class 1A-I2 Notes.. | -- \% |
| Class 1A-I3 Notes. | -_ \% |
| Class 1A-I4 Notes. | -_ \% |
| Class 1B-I1 Notes.. | - |
| Class 1B-I2 Notes. | - _-\% |
| Class 1B-I3 Notes. | - - \% |
| Class 1B-I4 Notes. | - |
| Class 1C-I1 Notes. | -- \% $\%$ |
| Class 1C-I2 Notes. | -__\% |
| Class 1C-I3 Notes. | -__\% |
| Class 1C-I4 Notes. | -__\% |
| Class 2A-I1 Notes.. | - |
| Class 2A-I2 Notes.. | - _-\% |
| Class 2A-I3 Notes. | - _-\% |
| Class 2A-I4 Notes.. | - _-\% |
| Class 2B-I1 Notes. | - |
| Class 2B-I2 Notes. | - - \% |
| Class 2B-I3 Notes. | -- \% |
| Class 2B-I4 Notes. | - [-\% |
| Class 2C-I1 Notes. | - |
| Class 2C-I2 Notes ............................. | - |
| Class 2C-I3 Notes ............................ | -__\% |
| Class 2C-I4 Notes............................ | -__\% |

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(4) The interest payment on each of these Classes of Interest Only RCR Notes for a Payment Date represents a portion of the interest payments on the Classes of RCR Notes included in the related Combination for that Payment Date. For any Payment Date for which One-Month LIBOR is less than the applicable Negative LIBOR Trigger set forth below, the interest payment on the specified Class of Interest Only RCR Notes will be calculated as the lesser of ( x ) the amount calculated based on the Class Coupon set forth above for that Class and ( y ) the aggregate of the interest amounts payable on the Classes of RCR Notes included in the same Combination that were exchanged for the specified Class of Interest Only RCR Notes for that Payment Date.

| Class of Interest Only RCR Notes | Negative LIBOR Trigger |
| :---: | :---: |
| Class 1-X1 Notes | \% |
| Class 1-X2 Notes | - |
| Class 1-X3 Notes | - _-\% |
| Class 1-X4 Notes | -_-\% |
| Class 1-Y1 Notes | - |
| Class 1-Y2 Notes | -- \% |
| Class 1-Y3 Notes | -_ \% |
| Class 1-Y4 Notes | - - \% |
| Class 2-X1 Notes | -- \% |
| Class 2-X2 Notes | - |
| Class 2-X3 Notes | -- \% |
| Class 2-X4 Notes | - |
| Class 2-Y1 Notes | - _-\% |
| Class 2-Y2 Notes |  |
| Class 2-Y3 Notes ............................. | - - \% |
| Class 2-Y4 Notes ............................. | -_ \% $\%$ |

(5) This Class has a Class Principal Balance as of any Payment Date equal to a specified percentage of the outstanding Class Principal Balance of the related Exchangeable or RCR Note or Notes with a Class Principal Balance; provided, however that if the Class Principal Balance of the related Exchangeable or RCR Note or Notes with a Class Principal Balance has been reduced to zero and the Class Notional Amount of the related Exchangeable or RCR Note or Notes with a Class Notional Amount is greater than zero then this Class will no longer have a Class Principal Balance and will instead have a Class Notional Amount as of any Payment Date equal to a specified percentage of the outstanding Class Notional Amount of the related Exchangeable or RCR Note or Notes with a Class Notional Amount.
(6) The interest payment on each of these Classes of RCR Notes for a Payment Date represents the sum of the interest payments on the Classes of Exchangeable or RCR Note or Notes included in the related Combination for that Payment Date.

## GLOSSARY OF CERTAIN DEFINED TERMS

"Credit Event Amount" means, with respect to each Payment Date and Loan Group, the aggregate amount of the Credit Event UPB of all Credit Event Reference Obligations for the related Reporting Period with respect to that Loan Group.
"Credit Event Net Gain" means, with respect to any Credit Event Reference Obligation, an amount equal to the excess, if any, of:
(a) the related Net Liquidation Proceeds, over
(b) the sum of:
(i) the related Credit Event UPB;
(ii) the total amount of prior principal forgiveness modifications (excluding any reduction in principal balance that resulted from the origination of a High LTV Refinance Reference Obligation), if any, on the related Credit Event Reference Obligation; and
(iii) delinquent accrued interest thereon, calculated at the applicable Current Accrual Rate from the related last paid interest date through the date such Reference Obligation has been reported as a Credit Event Reference Obligation.
"Credit Event Net Loss" means, with respect to any Credit Event Reference Obligation, an amount equal to the excess, if any, of:
(a) the sum of:
(i) the related Credit Event UPB;
(ii) the total amount of prior principal forgiveness modifications (excluding any reduction in principal balance that resulted from the origination of a High LTV Refinance Reference Obligation), if any, on the related Credit Event Reference Obligation; and
(iii) delinquent accrued interest thereon, calculated at the related Current Accrual Rate from the related last paid interest date through the date such Reference Obligation has been reported as a Credit Event Reference Obligation, over
(b) the related Net Liquidation Proceeds.

As indicated below, the Net Liquidation Proceeds for any Credit Event Reference Obligation will be determined based on the proceeds received (net of related expenses and credits) during the period including the month in which such Reference Obligation became a Credit Event Reference Obligation together with the immediately following three-month period. Any proceeds or expenses received or incurred thereafter with respect to such Credit Event Reference

Obligation will be determined on a monthly basis for inclusion in the calculation of the Principal Recovery Amount or Principal Loss Amount, as applicable, for the related Loan Group.
"Credit Event Reference Obligation" means, with respect to any Payment Date, any Reference Obligation with respect to which a Credit Event has occurred.
"Credit Event UPB" means, with respect to each Credit Event Reference Obligation, the unpaid principal balance of such Reference Obligation as of the end of the Reporting Period related to the Payment Date that it became a Credit Event Reference Obligation.
"Current Accrual Rate" means, with respect to each Payment Date and any Reference Obligation, the current mortgage rate, less the greater of (i) the related servicing fee rate and (ii) 35 basis points.
"Delinquency Test" means, for any Payment Date and Loan Group, a test that will be satisfied if:
(a) the sum of the Distressed Principal Balance for such Loan Group for the current Payment Date and each of the preceding five Payment Dates, divided by six, is less than
(b) $40 \%$ of the excess of (i) the product of (x) the Subordinate Percentage for such Loan Group and (y) the aggregate unpaid principal balance of the Reference Obligations in such Loan Group as of the preceding Payment Date over (ii) the Principal Loss Amount for such Loan Group for the current Payment Date.
"Distressed Principal Balance" means, for any Payment Date and Loan Group, the aggregate unpaid principal balance of the Reference Obligations in that Loan Group that are 90 days or more delinquent or are otherwise in foreclosure, bankruptcy or REO status.
"Group 1 Projected Recovery Amount" means the Projected Recovery Amount, if any, for the Group 1 Notes.
"Group 1 Senior Percentage" means, with respect to each Payment Date and Group 1, the percentage equivalent of a fraction, the numerator of which is the Class Notional Amount of the Group 1 Senior Reference Tranche immediately prior to such Payment Date and the denominator of which is the aggregate unpaid principal balance of the Reference Obligations in Loan Group 1 at the end of the previous Reporting Period.
"Group 1 Subordinate Percentage" means, with respect to each Payment Date and the Group 1 Notes, $100 \%$ minus the Group 1 Senior Percentage for such Payment Date.
"Group 2 Projected Recovery Amount" means the Projected Recovery Amount, if any, for the Group 2 Notes.
"Group 2 Senior Percentage" means, with respect to each Payment Date and Group 2, the percentage equivalent of a fraction, the numerator of which is the Class Notional Amount of the Group 2 Senior Reference Tranche immediately prior to such Payment Date and the denominator

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of which is the aggregate unpaid principal balance of the Reference Obligations in Loan Group 2 at the end of the previous Reporting Period.
"Group 2 Subordinate Percentage" means, with respect to each Payment Date and the Group 2 Notes, $100 \%$ minus the Group 2 Senior Percentage for such Payment Date.
"Group of Notes" or "Group" means the Group 1 Notes or the Group 2 Notes, as applicable.
"High LTV Refinance Option" means Fannie Mae's high loan-to-value refinance program, effective October 1, 2017, designed to provide refinance opportunities to borrowers with existing Fannie Mae mortgages who are current in their mortgage payments but whose loan-to-value ratios exceed the maximum permitted for standard refinance products under the Selling Guide.
"Minimum Credit Enhancement Test" means, with respect to any Payment Date and Loan Group, a test that will be satisfied if:
(a) in the case of Loan Group 1, the Group 1 Subordinate Percentage (solely for purposes of such test, rounded to the sixth decimal place) is greater than or equal to $4.500000 \%$, and
(b) in the case of Loan Group 2, the Group 2 Subordinate Percentage (solely for purposes of such test, rounded to the sixth decimal place) is greater than or equal to $4.200000 \%$.
"Mortgage Insurance Credit Amount" means, with respect to any Credit Event Reference Obligation the full amount, if any, that may be claimed as contractual proceeds of any mortgage insurance covering such Reference Obligation at the time such Reference Obligation became a Credit Event Reference Obligation, without regard to whether such amount or any portion thereof is actually received by or reimbursed to Fannie Mae from the applicable mortgage insurer, servicer or any other source. For the avoidance of doubt, the "Mortgage Insurance Credit Amount" will not include amounts that otherwise may have been claimed to the extent the related mortgage insurance coverage has been rescinded or has been denied or curtailed due to origination or servicing breaches.
"Net Liquidation Proceeds" means, with respect to any Credit Event Reference Obligation, the sum of the related liquidation proceeds, any Mortgage Insurance Credit Amount and any proceeds received from the related servicer in connection with such Credit Event Reference Obligation, less related expenses and credits, including but not limited to taxes and insurance, legal costs, maintenance and preservation costs, in each case during the period including the month in which such Reference Obligation became a Credit Event Reference Obligation together with the immediately following three-month period.
"Original Accrual Rate" means, with respect to any Reference Obligation, the mortgage rate as of the Cut-off Date, less the greater of (i) the related servicing fee and (ii) 35 basis points.

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"Preliminary Class Notional Amount" means, for a Payment Date and Reference Tranche, an amount equal to the Class Notional Amount of a Reference Tranche immediately prior to such Payment Date after the application of the Preliminary Tranche Write-down Amount for the related Loan Group in accordance with the priorities set forth in the Allocation of Tranche Write-down Amount for the related Group of Notes and after the application of the Preliminary Tranche Write-up Amount for such Loan Group in accordance with the priorities set forth in the Allocation of Tranche Write-up Amount for the related Group.
"Preliminary Principal Loss Amount" means, for a Payment Date and Loan Group, an amount equal to the Principal Loss Amount for such Loan Group computed without giving effect to clause (d) of the definition of Principal Loss Amount.
"Preliminary Tranche Write-down Amount" means, for a Payment Date and Loan Group, an amount equal to the Tranche Write-down Amount for such Loan Group computed using the Preliminary Principal Loss Amount instead of the Principal Loss Amount.
"Preliminary Tranche Write-up Amount" means, for a Payment Date and Loan Group, an amount equal to the Tranche Write-up Amount for such Loan Group computed using the Preliminary Principal Loss Amount instead of the Principal Loss Amount.
"Projected Recovery Amount" means, as of the Termination Date for either Group of Notes, the aggregate amount of subsequent recoveries, net of expenses and credits, projected to be received on the related Loan Group, calculated based on a formula to be derived by Fannie Mae from the actual net recovery experience for that Loan Group during the 30-month period immediately preceding such Termination Date, plus any additional amount determined by Fannie Mae in its sole discretion to be appropriate for purposes of the foregoing projection in light of then-current market conditions. Information regarding the formula and results of the related calculations will be provided to Holders through Payment Date Statements in advance of the Termination Date, if any. In the absence of manifest error, Fannie Mae's determination of the Projected Recovery Amount shall be final.

## The prospectus will contain further information regarding the Projected Recovery

## Amount.

"Senior Reduction Amount" means with respect to any Payment Date and Loan Group is either:
(a) if either the Minimum Credit Enhancement Test or the Delinquency Test for such Loan Group is not satisfied, the sum of: (i) the Senior Percentage of the Scheduled Principal for such Payment Date and Loan Group; (ii) 100\% of the Unscheduled Principal for such Payment Date and Loan Group; and (iii) 100\% of the Recovery Principal for such Payment Date and Loan Group; or
(b) if the Minimum Credit Enhancement Test and the Delinquency Test for such Loan Group are both satisfied, the sum of: (i) the Senior Percentage of the Scheduled Principal for such Payment Date and Loan Group; (ii) the Senior Percentage of the

Unscheduled Principal for such Payment Date and Loan Group; and (iii) $100 \%$ of the Recovery Principal for such Payment Date and Loan Group.
"Subordinate Percentage" means the Group 1 Subordinate Percentage and the Group 2 Subordinate Percentage, as applicable.
"Subordinate Reduction Amount" means with respect to any Payment Date and Loan Group is the sum of the Scheduled Principal, Unscheduled Principal and Recovery Principal for such Payment Date and Loan Group, less the Senior Reduction Amount for such Loan Group.

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## Weighted Average Life and Modeling Assumptions

Weighted average life of a Class of Notes refers to the average amount of time that will elapse from the date of issuance of such Class of Notes until each dollar is distributed and any Tranche Write-down Amount is allocated in reduction of its principal balance. The weighted average lives of the Notes will be influenced by, among other things, the rate at which principal of the mortgage loans that are Reference Obligations in the related Loan Group is paid, which may be in the form of scheduled amortization, prepayments or liquidations and the timing and rate of allocation of Tranche Write-down Amounts and Tranche Write-up Amounts.

Prepayments on mortgage loans are commonly measured relative to a constant prepayment standard or model. The model used in this term sheet for the Reference Obligations in the related Loan Group is a Constant Prepayment Rate (or "CPR"). CPR assumes that the outstanding principal balance of a pool of mortgage loans prepays at a specified constant annual rate. In projecting monthly cashflows, this rate is converted to an equivalent monthly rate. CPR does not purport to be either a historical description of the prepayment experience of mortgage loans or a prediction of the anticipated rate of prepayment of any mortgage loans, including the Reference Obligations. The percentages of CPR in the tables below do not purport to be historical description of relative prepayment experience of the Reference Obligations in either Loan Group or predictions of the anticipated relative rate of prepayment of the Reference Obligations in such Loan Group. Variations in the prepayment experience and the principal balance of the Reference Obligations in a Loan Group that prepay may increase or decrease the percentages of initial Class Principal Balance (and weighted average lives) shown in the following tables. Such variations may occur even if the average prepayment experience of all such Reference Obligations in a Loan Group equals any of the specified percentages of CPR.

The Weighted Average Life Tables, Declining Balances Tables, Credit Event Sensitivity Tables, Cumulative Note Write-down Amount Tables and Yield Tables below were prepared based on the following assumptions (collectively, the "Modeling Assumptions"):
(1) the initial Class Principal Balances or Class Notional Amounts are as set forth in the table on page 4;
(2) the scheduled monthly payment for each Reference Obligation is based on its outstanding principal balance, current mortgage rate and remaining amortization term to maturity so that it will fully amortize in amounts sufficient for the repayment thereof over its remaining amortization term to maturity;
(4) other than with respect to the Declining Balances Tables, the Reference Obligations in each Loan Group experience Credit Events at the indicated CDR percentages and there is no lag between the related Credit Event Amounts and the application of any related Recovery Principal; the Principal Loss Amount is equal to $25 \%$ of the Credit Event Amount with respect to Loan Group 1 and $15 \%$ of the Credit Event Amount with respect to Loan Group 2; in the case of the Declining Balances Tables, it is assumed that no Credit Events occur;
(5) the Delinquency Test is satisfied for each Payment Date and Loan Group;

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(6) principal prepayments in full on the Reference Obligations are received on the last day of each month beginning in the calendar month prior to the month in which the first Payment Date occurs;
(7) there are no partial principal prepayments on the Reference Obligations;
(8) the Reference Obligations in each Loan Group prepay at the indicated CPR percentages;
(9) except as specified in the tables, there are no defaults or delinquencies on the Reference Obligations;
(10) Payment Dates occur on the 25th day of each month commencing in October 2018;
(11) there are no purchases, removals, reinstatements, or substitutions of Reference Obligations;
(12) there are no Modification Events or data corrections in connection with the Reference Obligations;
(13) the Maturity Date is the Payment Date in March 2031;
(14) there is no Early Redemption Option exercised (except in the case of Weighted Average Life in Years (to Early Redemption Option));
(15) the Closing Date is October 10, 2018;
(16) one-month LIBOR stays constant at $2.21200 \%$;
(17) the Reference Obligations in each Loan Group are aggregated into the assumed mortgage loans having the characteristics as described in "Assumed Characteristics of Loan Group 1 as of the Cut-off Date" and "Assumed Characteristics of Loan Group 2 as of the Cut-off Date", as applicable;
(18) there are no Reversed Credit Event Reference Obligations;
(19) the Projected Recovery Amount for each Loan Group is zero;
(20) there are no Originator Rep and Warranty Settlements; and
(21) the Class $1 \mathrm{M}-1$ margin is equal $0.65 \%$, the Class $1 \mathrm{M}-2$ margin is equal to $2.15 \%$, the Class 1B-1 margin is equal to $4.00 \%$, the Class $2 \mathrm{M}-1$ margin is equal to $0.65 \%$, the Class $2 \mathrm{M}-2$ margin is equal to $2.15 \%$ and the Class $2 \mathrm{~B}-1$ margin is equal to $4.35 \%$.

The following default sensitivity tables assume a constant rate of Reference Obligations becoming Credit Event Reference Obligations in each Loan Group each month relative to the then outstanding aggregate principal balance of Reference Obligations in such Loan Group. This credit event rate (or "CDR") does not purport to be either an historical description of the default experience of the Reference Obligations or a prediction of the anticipated rate of defaults on the Reference Obligations. The rate and extent of actual defaults experienced on the Reference Obligations are likely to differ from those assumed and may differ significantly. A rate of 1.0\% CDR assumes Reference Obligations become Credit Event Reference Obligations at an annual rate of $1.0 \%$ which remains in effect through the remaining lives of such Reference Obligations. Further, it is unlikely the Reference Obligations will become Credit Event Reference Obligations at any specified percentage of CDR.

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Assumed Characteristics of the Reference Obligations in Loan Group 1 as of the Cut-off Date

| Assumed Reference Obligation Group Number | Outstanding <br> Principal Balance (\$) | Remaining Term to Maturity (months) | Original Term to Maturity (months) | Current <br> Mortgage Rate (\%) |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 170,547.99 | 355 | 360 | 3.125 |
| 2 | 2,153,191.07 | 351 | 356 | 3.250 |
| 3 | 4,401,542.29 | 355 | 360 | 3.375 |
| 4 | 11,966,745.42 | 355 | 360 | 3.499 |
| 5 | 30,568,649.49 | 354 | 358 | 3.623 |
| 6 | 241,631,032.37 | 355 | 360 | 3.749 |
| 7 | 562,148,843.80 | 355 | 359 | 3.875 |
| 8 | 741,587,063.28 | 355 | 359 | 3.997 |
| 9 | 737,044,222.88 | 355 | 359 | 4.124 |
| 10 | 1,838,774,724.90 | 355 | 359 | 4.249 |
| 11 | 1,611,898,896.01 | 356 | 359 | 4.374 |
| 12 | 1,774,286,249.22 | 356 | 359 | 4.499 |
| 13 | 1,645,554,662.93 | 356 | 359 | 4.619 |
| 14 | 1,660,563,942.28 | 356 | 360 | 4.749 |
| 15 | 1,348,430,953.96 | 356 | 359 | 4.874 |
| 16 | 704,332,595.61 | 356 | 359 | 4.995 |
| 17 | 558,790,406.35 | 356 | 359 | 5.124 |
| 18 | 697,941,120.67 | 356 | 359 | 5.250 |
| 19 | 405,124,222.32 | 356 | 360 | 5.374 |
| 20 | 288,282,925.29 | 357 | 360 | 5.500 |
| 21 | 173,718,718.84 | 356 | 359 | 5.625 |
| 22 | 79,176,130.87 | 356 | 359 | 5.747 |
| 23 | 34,030,165.36 | 356 | 359 | 5.875 |
| 24 | 14,863,239.26 | 357 | 360 | 5.999 |
| 25 | 11,595,346.49 | 356 | 360 | 6.125 |
| 26 | 3,276,867.29 | 357 | 360 | 6.250 |
| 27 | 478,602.14 | 357 | 360 | 6.375 |
| 28 | 470,688.75 | 357 | 360 | 6.500 |
| 29 | 726,449.36 | 356 | 360 | 6.625 |

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Assumed Characteristics of the Reference Obligations in Loan Group 2 as of the Cut-off Date

| Assumed Reference Obligation Group Number | Outstanding <br> Principal Balance (\$) | Remaining Term to Maturity (months) | Original Term to Maturity (months) | Current <br> Mortgage <br> Rate (\%) |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 1,041,996.17 | 354 | 360 | 3.125 |
| 2 | 952,349.29 | 354 | 360 | 3.250 |
| 3 | 6,478,205.98 | 354 | 360 | 3.375 |
| 4 | 12,247,413.07 | 355 | 360 | 3.500 |
| 5 | 33,814,100.88 | 355 | 360 | 3.625 |
| 6 | 424,960,441.44 | 355 | 360 | 3.750 |
| 7 | 1,048,720,588.94 | 355 | 360 | 3.874 |
| 8 | 1,216,352,910.40 | 355 | 360 | 3.996 |
| 9 | 1,057,400,546.69 | 355 | 360 | 4.123 |
| 10 | 1,965,673,056.16 | 355 | 360 | 4.248 |
| 11 | 1,298,618,219.25 | 355 | 360 | 4.374 |
| 12 | 968,274,501.90 | 355 | 360 | 4.499 |
| 13 | 717,358,003.44 | 356 | 360 | 4.621 |
| 14 | 610,500,423.75 | 356 | 360 | 4.749 |
| 15 | 444,857,960.91 | 355 | 360 | 4.875 |
| 16 | 154,396,081.37 | 355 | 360 | 4.996 |
| 17 | 164,170,236.35 | 356 | 360 | 5.124 |
| 18 | 160,519,185.90 | 355 | 360 | 5.250 |
| 19 | 80,003,852.81 | 355 | 360 | 5.375 |
| 20 | 47,574,398.50 | 355 | 360 | 5.500 |
| 21 | 54,636,054.57 | 354 | 360 | 5.625 |
| 22 | 33,360,625.02 | 355 | 360 | 5.750 |
| 23 | 20,025,788.02 | 355 | 360 | 5.875 |
| 24 | 2,680,597.79 | 355 | 360 | 6.000 |
| 25 | 3,142,394.65 | 355 | 360 | 6.125 |

## Declining Balances Tables

Percentages of Original Class Principal Balances Outstanding and Weighted Average Lives

| Date | Class 1M-1 <br> CPR Prepayment Assumption |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 5\% | 10\% | 15\% | 20\% | 25\% | 30\% | 35\% |
| Closing Date | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| September 25, 2019 | 88 | 85 | 52 | 16 | 0 | 0 | 0 | 0 |
| September 25, 2020 | 76 | 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2021 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2022 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2023 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2024 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2025 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2026 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2027 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2028 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) to Maturity $\qquad$ | 3.90 | 1.73 | 1.02 | 0.71 | 0.54 | 0.40 | 0.36 | 0.32 |
| Weighted Average Life (years) to Early Redemption Date* | 3.90 | 1.73 | 1.02 | 0.71 | 0.54 | 0.40 | 0.36 | 0.32 |

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$\left.\begin{array}{lcccccccc}\text { Class 1M-2 } \\ \text { CPR Prepayment Assumption }\end{array}\right]$

| Date | Class 1B-1 <br> CPR Prepayment Assumption |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 5\% | 10\% | 15\% | 20\% | 25\% | 30\% | 35\% |
| Closing Date | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| September 25, 2019 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| September 25, 2020 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| September 25, 2021 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 94 |
| September 25, 2022 | 100 | 100 | 100 | 100 | 100 | 100 | 69 | 36 |
| September 25, 2023 | 100 | 100 | 100 | 100 | 100 | 63 | 26 | 0 |
| September 25, 2024 | 100 | 100 | 100 | 100 | 75 | 29 | 0 | 0 |
| September 25, 2025 | 100 | 100 | 100 | 100 | 44 | 3 | 0 | 0 |
| September 25, 2026 | 100 | 100 | 100 | 73 | 19 | 0 | 0 | 0 |
| September 25, 2027 | 100 | 100 | 100 | 49 | * | 0 | 0 | 0 |
| September 25, 2028 | 100 | 100 | 100 | 29 | 0 | 0 | 0 | 0 |
| September 25, 2029 | 100 | 100 | 80 | 12 | 0 | 0 | 0 | 0 |
| September 25, 2030 | 100 | 100 | 61 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) to Maturity | 12.46 | 12.46 | 11.87 | 9.10 | 6.91 | 5.45 | 4.49 | 3.78 |
| Weighted Average Life (years) to Early Redemption |  |  |  |  |  |  |  |  |
| Date**................................ | 9.96 | 9.96 | 9.96 | 8.85 | 6.91 | 5.45 | 4.49 | 3.78 |


| $c$ |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Class 2M-1 |  |  |  |  |  |  |
| CPR Prepayment Assumption |  |  |  |  |  |  |  |  |


|  | Class 2M-2 <br> CPR Prepayment Assumption |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | 0\% | 5\% | 10\% | 15\% | 20\% | 25\% | 30\% | 35\% |
| Closing Date | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| September 25, 2019 | 100 | 100 | 100 | 100 | 91 | 82 | 73 | 64 |
| September 25, 2020 | 100 | 100 | 91 | 75 | 61 | 47 | 34 | 22 |
| September 25, 2021 | 100 | 96 | 74 | 54 | 36 | 21 | 7 | 0 |
| September 25, 2022 | 100 | 86 | 59 | 36 | 17 | 1 | 0 | 0 |
| September 25, 2023 | 100 | 76 | 46 | 21 | 2 | 0 | 0 | 0 |
| September 25, 2024 | 100 | 67 | 34 | 9 | 0 | 0 | 0 | 0 |
| September 25, 2025 | 100 | 58 | 23 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2026 | 100 | 50 | 14 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2027 | 97 | 42 | 6 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2028 | 92 | 34 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2029 | 88 | 27 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2030 | 83 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) to Maturity $\qquad$ | 12.06 | 8.06 | 4.96 | 3.44 | 2.58 | 2.04 | 1.67 | 1.39 |
| Weighted Average Life (years) to Early Redemption Date* | 9.90 | 7.41 | 4.96 | 3.44 | 2.58 | 2.04 | 1.67 | 1.39 |

*The Early Redemption Date occurs on the first eligible Payment Date.

|  | Class 2B-1 <br> CPR Prepayment Assumption |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | 0\% | 5\% | 10\% | 15\% | 20\% | 25\% | 30\% | 35\% |
| Closing Date | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| September 25, 2019 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| September 25, 2020 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| September 25, 2021 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 85 |
| September 25, 2022 | 100 | 100 | 100 | 100 | 100 | 100 | 62 | 28 |
| September 25, 2023 | 100 | 100 | 100 | 100 | 100 | 58 | 20 | 0 |
| September 25, 2024 | 100 | 100 | 100 | 100 | 68 | 23 | 0 | 0 |
| September 25, 2025 | 100 | 100 | 100 | 95 | 37 | 0 | 0 | 0 |
| September 25, 2026 | 100 | 100 | 100 | 66 | 13 | 0 | 0 | 0 |
| September 25, 2027 | 100 | 100 | 100 | 42 | 0 | 0 | 0 | 0 |
| September 25, 2028 | 100 | 100 | 94 | 22 | 0 | 0 | 0 | 0 |
| September 25, 2029 | 100 | 100 | 73 | 5 | 0 | 0 | 0 | 0 |
| September 25, 2030 | 100 | 100 | 54 | 0 | 0 | 0 | 0 | 0 |
| September 25, 2031 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) to Maturity $\qquad$ | 12.46 | 12.46 | 11.68 | 8.79 | 6.67 | 5.29 | 4.33 | 3.62 |
| Weighted Average Life (years) to Early Redemption Date*. | 9.96 | 9.96 | 9.95 | 8.64 | 6.67 | 5.29 | 4.33 | 3.62 |

[^2]
## Loan Group 1 Credit Event Sensitivity Table

Cumulative Credit Events (as \% of the Cut-off Date Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.25\% | 2.71\% | 2.04\% | 1.57\% | 1.23\% | 0.98\% | 0.80\% | 0.67\% | 0.56\% |
| 0.50\% | 5.35\% | 4.03\% | 3.10\% | 2.44\% | 1.95\% | 1.59\% | 1.33\% | 1.12\% |
| 0.75\% | 7.92\% | 5.98\% | 4.61\% | 3.62\% | 2.91\% | 2.38\% | 1.98\% | 1.67\% |
| 1.00\% | 10.42\% | 7.88\% | 6.08\% | 4.79\% | 3.85\% | 3.15\% | 2.63\% | 2.22\% |
| 1.50\% | 15.22\% | 11.54\% | 8.93\% | 7.05\% | 5.68\% | 4.67\% | 3.90\% | 3.30\% |
| 2.00\% | 19.76\% | 15.04\% | 11.67\% | 9.24\% | 7.47\% | 6.15\% | 5.14\% | 4.37\% |
| 3.00\% | 28.12\% | 21.54\% | 16.82\% | 13.40\% | 10.88\% | 9.00\% | 7.56\% | 6.44\% |

Loan Group 2 Credit Event Sensitivity Table
Cumulative Credit Events (as \% of the Cut-off Date Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.25\% | 2.70\% | 2.03\% | 1.56\% | 1.22\% | 0.98\% | 0.80\% | 0.67\% | 0.56\% |
| 0.50\% | 5.32\% | 4.02\% | 3.09\% | 2.43\% | 1.95\% | 1.59\% | 1.32\% | 1.12\% |
| 0.75\% | 7.88\% | 5.95\% | 4.59\% | 3.61\% | 2.90\% | 2.37\% | 1.98\% | 1.67\% |
| 1.00\% | 10.37\% | 7.84\% | 6.05\% | 4.77\% | 3.83\% | 3.14\% | 2.62\% | 2.22\% |
| 1.50\% | 15.14\% | 11.49\% | 8.90\% | 7.03\% | 5.67\% | 4.66\% | 3.89\% | 3.30\% |
| 2.00\% | 19.66\% | 14.97\% | 11.63\% | 9.21\% | 7.45\% | 6.13\% | 5.13\% | 4.36\% |
| 3.00\% | 27.98\% | 21.45\% | 16.76\% | 13.35\% | 10.85\% | 8.98\% | 7.55\% | 6.43\% |

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## Group 1 Classes Cumulative Note Write-down Amount Tables

Class 1M-1 Cumulative Write-down Amount (as \% of Class 1M-1 Original Class Principal Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.25\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.50\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.75\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.50\% | 15.93\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 2.00\% | 40.12\% | 9.90\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 3.00\% | 62.06\% | 56.48\% | 45.94\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |

Class 1M-2 Cumulative Write-down Amount (as \% of Class 1M-2 Original Class Principal Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.25\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.50\% | 3.59\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.75\% | 29.80\% | 10.01\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.00\% | 55.30\% | 29.39\% | 11.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.50\% | 100.00\% | 66.78\% | 40.12\% | 20.95\% | 6.97\% | 0.00\% | 0.00\% | 0.00\% |
| 2.00\% | 100.00\% | 100.00\% | 68.06\% | 43.29\% | 25.18\% | 11.70\% | 1.48\% | 0.00\% |
| 3.00\% | 100.00\% | 100.00\% | 100.00\% | 85.69\% | 60.02\% | 40.81\% | 26.15\% | 14.72\% |

Class 1B-1 Cumulative Write-down Amount (as \% of Class 1B-1 Original Class Principal Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.25\% | 23.74\% | 1.39\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.50\% | 100.00\% | 67.83\% | 36.74\% | 14.51\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.75\% | 100.00\% | 100.00\% | 86.85\% | 54.02\% | 30.18\% | 12.58\% | 0.00\% | 0.00\% |
| 1.00\% | 100.00\% | 100.00\% | 100.00\% | 92.84\% | 61.51\% | 38.34\% | 20.86\% | 7.38\% |
| 1.50\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 88.90\% | 63.27\% | 43.46\% |
| 2.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 78.93\% |
| 3.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% |

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## Group 2 Classes Cumulative Note Write-down Amount Tables

Class 2M-1 Cumulative Write-down Amount (as \% of Class 2M-1 Original Class Principal Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.25\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.50\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.75\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.50\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 2.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 3.00\% | 40.08\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |

Class 2M-2 Cumulative Write-down Amount (as \% of Class 2M-2 Original Class Principal Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.25\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.50\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.75\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.00\% | 15.43\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.50\% | 46.56\% | 22.78\% | 5.85\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 2.00\% | 76.04\% | 45.46\% | 23.64\% | 7.90\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 3.00\% | 100.00\% | 87.69\% | 57.10\% | 34.92\% | 18.60\% | 6.38\% | 0.00\% | 0.00\% |

Class 2B-1 Cumulative Write-down Amount (as \% of Class 2B-1 Original Class Principal Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.25\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.50\% | 42.65\% | 14.63\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.75\% | 97.41\% | 56.14\% | 26.87\% | 5.89\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.00\% | 100.00\% | 96.66\% | 58.29\% | 30.76\% | 10.73\% | 0.00\% | 0.00\% | 0.00\% |
| 1.50\% | 100.00\% | 100.00\% | 100.00\% | 79.20\% | 50.01\% | 28.34\% | 11.93\% | 0.00\% |
| 2.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 88.14\% | 59.97\% | 38.59\% | 22.01\% |
| 3.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 100.00\% | 90.31\% | 66.39\% |

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## Group 1 Classes Yield Tables

Class 1M-1 Pre-Tax Yield to Maturity $($ Price $=\mathbf{1 0 0 . 0 0 0 0 0 \%}$ )

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 0.25\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 0.50\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 0.75\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 1.00\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 1.50\% | 0.16\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 2.00\% | (7.32)\% | 1.48\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 3.00\% | (23.88)\% | (16.73)\% | (8.09)\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |

Class 1M-2 Pre-Tax Yield to Maturity $($ Price $=\mathbf{1 0 0 . 0 0 0 0 0 \%})$

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 0.25\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 0.50\% | 4.17\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 0.75\% | 2.02\% | 3.68\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 1.00\% | (1.09)\% | 1.98\% | 3.36\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 1.50\% | (20.20)\% | (3.37)\% | 0.03\% | 1.62\% | 3.32\% | 4.40\% | 4.40\% | 4.40\% |
| 2.00\% | (33.17)\% | (22.76)\% | (4.08)\% | (1.83)\% | (0.01)\% | 1.98\% | 4.08\% | 4.40\% |
| 3.00\% | (58.76)\% | (49.33)\% | (37.04)\% | (10.29)\% | (7.20)\% | (5.11)\% | (2.83)\% | (0.33)\% |

Class 1B-1 Pre-Tax Yield to Maturity (Price $=\mathbf{1 0 0 . 0 0 0 0 0 \%}$ )

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% |
| 0.25\% | 4.70\% | 6.22\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% |
| 0.50\% | (14.47)\% | (0.99)\% | 3.23\% | 5.25\% | 6.29\% | 6.29\% | 6.29\% | 6.29\% |
| 0.75\% | (32.36)\% | (23.76)\% | (6.94)\% | 0.62\% | 3.35\% | 5.03\% | 6.29\% | 6.29\% |
| 1.00\% | (50.37)\% | (42.09)\% | (31.86)\% | (11.33)\% | (1.29)\% | 1.56\% | 3.53\% | 5.27\% |
| 1.50\% | (83.63)\% | (76.59)\% | (68.18)\% | (57.79)\% | (43.59)\% | (10.82)\% | (4.39)\% | (1.52)\% |
| 2.00\% | * | * | (99.18)\% | (91.16)\% | (81.22)\% | (67.83)\% | (45.07)\% | (10.93)\% |
| 3.00\% | * | * | * | * | * | * | * | * |

* Indicates a yield less than (99.99)\%.

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## Group 2 Classes Yield Tables

Class 2M-1 Pre-Tax Yield to Maturity $($ Price $=\mathbf{1 0 0 . 0 0 0 0 0 \%}$ )

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 0.25\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 0.50\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 0.75\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 1.00\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 1.50\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 2.00\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |
| 3.00\% | (5.72)\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% | 2.88\% |

Class 2M-2 Pre-Tax Yield to Maturity (Price $=\mathbf{1 0 0 . 0 0 0 0 0 \%}$ )

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 0.25\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 0.50\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 0.75\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 1.00\% | 3.31\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 1.50\% | 0.14\% | 2.56\% | 3.85\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 2.00\% | (5.14)\% | 0.11\% | 1.88\% | 3.40\% | 4.40\% | 4.40\% | 4.40\% | 4.40\% |
| 3.00\% | (28.56)\% | (9.79)\% | (2.62)\% | (0.81)\% | 1.05\% | 3.08\% | 4.40\% | 4.40\% |

Class 2B-1 Pre-Tax Yield to Maturity $($ Price $=100.00000 \%$ )

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | $\underline{\mathbf{2 5 \%} \text { CPR }}$ | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% |
| 0.25\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% |
| 0.50\% | 3.35\% | 5.74\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% |
| 0.75\% | (9.15)\% | 1.42\% | 4.65\% | 6.28\% | 6.65\% | 6.65\% | 6.65\% | 6.65\% |
| 1.00\% | (21.24)\% | (10.37)\% | 0.71\% | 4.08\% | 5.79\% | 6.65\% | 6.65\% | 6.65\% |
| 1.50\% | (43.27)\% | (34.87)\% | (24.31)\% | (4.59)\% | 0.99\% | 3.35\% | 5.19\% | 6.65\% |
| 2.00\% | (64.64)\% | (56.87)\% | (47.46)\% | (35.20)\% | (9.14)\% | (1.92)\% | 0.87\% | 3.08\% |
| 3.00\% | * | (95.94)\% | (88.72)\% | (79.97)\% | (68.85)\% | (53.12)\% | (13.37)\% | (7.02)\% |

[^3]Fannie Mae
Connecticut Avenue Securities, Series 2018-C06
CONFIDENTIAL PRELIMINARY TERM SHEET

## Group 1 Classes Weighted Average Life Tables

## Class 1M-1 Weighted Average Life to Maturity (in Years)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 3.90 | 1.73 | 1.02 | 0.71 | 0.54 | 0.40 | 0.36 | 0.32 |
| 0.25\% | 4.04 | 2.08 | 1.10 | 0.75 | 0.54 | 0.46 | 0.36 | 0.32 |
| 0.50\% | 4.21 | 2.61 | 1.23 | 0.80 | 0.58 | 0.48 | 0.36 | 0.32 |
| 0.75\% | 4.42 | 3.47 | 1.40 | 0.86 | 0.62 | 0.48 | 0.39 | 0.33 |
| 1.00\% | 4.69 | 4.56 | 1.62 | 0.93 | 0.65 | 0.50 | 0.40 | 0.33 |
| 1.50\% | 5.74 | 5.21 | 2.42 | 1.13 | 0.74 | 0.54 | 0.42 | 0.35 |
| 2.00\% | 5.58 | 6.29 | 4.81 | 1.49 | 0.86 | 0.60 | 0.47 | 0.37 |
| 3.00\% | 4.45 | 5.10 | 6.28 | 4.29 | 1.33 | 0.77 | 0.55 | 0.41 |

Class 1M-2 Weighted Average Life to Maturity (in Years)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 11.92 | 8.31 | 5.19 | 3.60 | 2.71 | 2.11 | 1.76 | 1.49 |
| 0.25\% | 12.05 | 9.51 | 6.07 | 4.00 | 2.94 | 2.28 | 1.85 | 1.53 |
| 0.50\% | 12.17 | 10.63 | 7.13 | 4.56 | 3.22 | 2.45 | 1.96 | 1.61 |
| 0.75\% | 11.51 | 11.46 | 8.17 | 5.35 | 3.58 | 2.65 | 2.08 | 1.69 |
| 1.00\% | 10.35 | 11.35 | 8.91 | 6.26 | 4.08 | 2.89 | 2.22 | 1.78 |
| 1.50\% | 7.52 | 9.21 | 9.12 | 7.09 | 5.37 | 3.71 | 2.61 | 2.01 |
| 2.00\% | 5.48 | 6.75 | 8.47 | 7.17 | 5.67 | 4.45 | 3.39 | 2.35 |
| 3.00\% | 3.56 | 4.01 | 4.76 | 6.38 | 5.64 | 4.63 | 3.81 | 3.12 |

## Class 1B-1 Weighted Average Life to Maturity (in Years)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 12.46 | 12.46 | 11.87 | 9.10 | 6.91 | 5.45 | 4.49 | 3.78 |
| 0.25\% | 12.02 | 12.46 | 12.46 | 10.80 | 8.13 | 6.22 | 4.98 | 4.09 |
| 0.50\% | 7.70 | 9.56 | 10.99 | 11.60 | 9.84 | 7.39 | 5.65 | 4.52 |
| 0.75\% | 4.97 | 5.86 | 7.63 | 9.42 | 9.67 | 8.48 | 6.86 | 5.15 |
| 1.00\% | 3.67 | 4.11 | 4.83 | 6.40 | 8.16 | 7.97 | 7.06 | 6.02 |
| 1.50\% | 2.41 | 2.59 | 2.82 | 3.16 | 3.73 | 5.32 | 5.94 | 5.60 |
| 2.00\% | 1.79 | 1.89 | 2.00 | 2.15 | 2.35 | 2.66 | 3.30 | 4.46 |
| 3.00\% | 1.18 | 1.22 | 1.27 | 1.32 | 1.38 | 1.46 | 1.57 | 1.72 |

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## Group 2 Classes Weighted Average Life Tables

## Class 2M-1 Weighted Average Life to Maturity (in Years)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 4.40 | 1.28 | 0.72 | 0.49 | 0.37 | 0.29 | 0.24 | 0.20 |
| 0.25\% | 4.51 | 1.45 | 0.80 | 0.56 | 0.44 | 0.36 | 0.30 | 0.26 |
| 0.50\% | 4.63 | 1.63 | 0.84 | 0.57 | 0.44 | 0.36 | 0.30 | 0.26 |
| 0.75\% | 4.76 | 1.84 | 0.90 | 0.59 | 0.44 | 0.36 | 0.30 | 0.26 |
| 1.00\% | 4.92 | 2.15 | 0.95 | 0.61 | 0.45 | 0.36 | 0.30 | 0.26 |
| 1.50\% | 5.32 | 3.14 | 1.11 | 0.66 | 0.48 | 0.36 | 0.30 | 0.26 |
| 2.00\% | 5.96 | 5.30 | 1.31 | 0.73 | 0.50 | 0.39 | 0.31 | 0.26 |
| 3.00\% | 6.36 | 6.41 | 2.30 | 0.93 | 0.59 | 0.42 | 0.33 | 0.26 |

## Class 2M-2 Weighted Average Life to Maturity (in Years)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 12.06 | 8.06 | 4.96 | 3.44 | 2.58 | 2.04 | 1.67 | 1.39 |
| 0.25\% | 12.14 | 8.79 | 5.47 | 3.69 | 2.74 | 2.16 | 1.77 | 1.49 |
| 0.50\% | 12.22 | 9.48 | 6.05 | 3.96 | 2.88 | 2.24 | 1.81 | 1.51 |
| 0.75\% | 12.29 | 10.14 | 6.68 | 4.27 | 3.05 | 2.33 | 1.87 | 1.55 |
| 1.00\% | 12.09 | 10.77 | 7.29 | 4.65 | 3.23 | 2.44 | 1.94 | 1.59 |
| 1.50\% | 10.83 | 11.20 | 8.40 | 5.69 | 3.71 | 2.69 | 2.08 | 1.69 |
| 2.00\% | 9.16 | 10.52 | 8.72 | 6.53 | 4.49 | 3.03 | 2.28 | 1.80 |
| 3.00\% | 6.03 | 7.64 | 8.46 | 6.80 | 5.33 | 4.13 | 2.89 | 2.12 |

## Class 2B-1 Weighted Average Life to Maturity (in Years)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.00\% | 12.46 | 12.46 | 11.68 | 8.79 | 6.67 | 5.29 | 4.33 | 3.62 |
| 0.25\% | 12.46 | 12.46 | 12.28 | 9.91 | 7.35 | 5.73 | 4.63 | 3.83 |
| 0.50\% | 11.32 | 12.21 | 12.46 | 10.92 | 8.21 | 6.22 | 4.94 | 4.06 |
| 0.75\% | 8.52 | 10.28 | 11.57 | 11.64 | 9.30 | 6.89 | 5.33 | 4.30 |
| 1.00\% | 6.20 | 7.78 | 9.65 | 10.91 | 9.95 | 7.87 | 5.85 | 4.60 |
| 1.50\% | 4.02 | 4.57 | 5.53 | 7.49 | 8.74 | 8.12 | 7.01 | 5.67 |
| 2.00\% | 2.97 | 3.25 | 3.66 | 4.34 | 6.03 | 7.04 | 6.61 | 5.87 |
| 3.00\% | 1.95 | 2.07 | 2.21 | 2.40 | 2.67 | 3.12 | 4.47 | 4.86 |

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## Reference Pool Summary

## Loan Group 1

Statistics for the Reference Obligations listed below are based on statistical Cut-off Date information as of July 31, 2018.

## Collateral Summary

|  | Aggregate | $\begin{aligned} & \frac{\text { Weighted }}{\text { Average }} \end{aligned}$ | Minimum | Maximum |
| :---: | :---: | :---: | :---: | :---: |
| Number of Reference Obligations | 62,061 | - | - | - |
| Aggregate Original Principal Balance | \$15,340,413,000 | \$247,183 ${ }^{(1)}$ | \$15,000 | \$1,260,000 |
| Aggregate Unpaid Principal Balance | \$15,183,988,746 | \$244,662 ${ }^{(1)}$ | \$5,197 | \$1,255,319 |
| Gross Mortgage Rate | - | 4.597\% | 3.125\% | 6.625\% |
| Remaining Term to Stated Maturity | - | 356 Months | 247 Months | 358 Months |
| Original Term | - | 359 Months | 252 Months | 360 Months |
| Loan Age | - | 3 Months | 2 Months | 15 Months |
| Original Loan-to-Value Ratio | - | 75.36\% | 61.00\% | 80.00\% |
| Original Combined Loan-to-Value Ratio | - | 75.90\% | 61.00\% | 97.00\% |
| Debt-to-Income Ratio | - | 37\% | 0\% | 50\% |
| Credit Score | - | 741 | 620 | 832 |
| \% Refinance | 47.07\% |  |  |  |
| \% Owner Occupied | 84.15\% |  |  |  |
| \% SFR/PUD | 89.04\% |  |  |  |
| Top Five Geographic Concentration of Mortgage Loans (States) |  |  |  |  |
| CA | 22.45\% |  |  |  |
| TX | 7.73\% |  |  |  |
| FL | 7.00\% |  |  |  |
| CO | 4.90\% |  |  |  |
| WA | 4.83\% |  |  |  |

(1) Average

| Product Type of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product Type | $\begin{array}{\|c} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| Fixed Rate | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Unpaid Principal Balances as of the Origination Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Unpaid <br> Principal Balance (\$) | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{gathered}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 0.01-25,000.00 | 16 | 336,260 | * | 5.196 | 720 | 78.43 | 78.43 |
| 25,000.01-50,000.00 | 541 | 22,717,017 | 0.15 | 5.078 | 733 | 75.71 | 76.01 |
| 50,000.01-75,000.00 | 1,927 | 123,369,684 | 0.81 | 4.996 | 734 | 75.52 | 75.70 |
| 75,000.01-100,000.00 | 3,684 | 328,714,447 | 2.16 | 4.877 | 734 | 74.76 | 74.93 |
| 100,000.01-125,000.00 | 4,707 | 529,341,516 | 3.49 | 4.810 | 737 | 75.01 | 75.27 |
| 125,000.01-150,000.00 | 5,377 | 737,664,746 | 4.86 | 4.752 | 736 | 75.30 | 75.52 |
| 150,000.01-200,000.00 | 10,318 | 1,805,153,245 | 11.89 | 4.666 | 737 | 75.23 | 75.43 |
| 200,000.01-250,000.00 | 9,219 | 2,056,350,086 | 13.54 | 4.596 | 741 | 75.71 | 75.93 |
| 250,000.01-300,000.00 | 7,816 | 2,129,616,403 | 14.03 | 4.548 | 743 | 75.87 | 76.07 |
| $300,000.01-350,000.00$ | 5,546 | 1,785,067,117 | 11.76 | 4.527 | 743 | 75.79 | 76.03 |
| $350,000.01-400,000.00$ | 4,592 | 1,704,774,605 | 11.23 | 4.509 | 744 | 75.70 | 76.01 |
| $400,000.01-450,000.00$ | 3,806 | 1,604,861,559 | 10.57 | 4.511 | 742 | 75.53 | 76.55 |
| $450,000.01-500,000.00$ | 2,279 | 1,042,625,821 | 6.87 | 4.557 | 743 | 73.60 | 76.02 |
| $500,000.01$ - 550,000.00 | 764 | 396,655,569 | 2.61 | 4.624 | 742 | 74.91 | 75.59 |
| $550,000.01-600,000.00$ | 600 | 341,874,876 | 2.25 | 4.591 | 740 | 75.11 | 75.65 |
| 600,000.01-650,000.00 | 449 | 280,139,546 | 1.84 | 4.604 | 741 | 75.22 | 76.93 |
| $650,000.01-700,000.00$ | 345 | 230,062,027 | 1.52 | 4.701 | 738 | 73.28 | 75.91 |
| $700,000.01-750,000.00$ | 19 | 13,642,244 | 0.09 | 4.942 | 729 | 73.00 | 73.00 |
| $750,000.01-800,000.00$ | 16 | 12,518,376 | 0.08 | 4.940 | 760 | 71.96 | 72.45 |
| 800,000.01-850,000.00 | 9 | 7,398,165 | 0.05 | 4.834 | 756 | 68.74 | 68.74 |
| 850,000.01-900,000.00 | 9 | 7,737,104 | 0.05 | 4.986 | 757 | 70.09 | 70.09 |
| 900,000.01 or greater | 22 | 23,368,333 | 0.15 | 4.954 | 739 | 71.93 | 71.93 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Average (\$) | 247,182.82 |  |  |  |  |  |  |

*Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
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## Connecticut Avenue Securities, Series 2018-C06 <br> Fannie Mae

| Unpaid Principal Balances as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Unpaid Principal Balance (\$) | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{gathered}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 0.01-25,000.00 | 41 | 685,957 | * | 4.892 | 751 | 77.37 | 77.37 |
| 25,000.01-50,000.00 | 582 | 24,312,293 | 0.16 | 5.039 | 738 | 75.71 | 75.99 |
| 50,000.01-75,000.00 | 1,983 | 126,943,471 | 0.84 | 4.986 | 736 | 75.53 | 75.71 |
| 75,000.01-100,000.00 | 3,738 | 334,458,625 | 2.20 | 4.871 | 735 | 74.77 | 74.94 |
| 100,000.01-125,000.00 | 4,775 | 538,882,465 | 3.55 | 4.807 | 738 | 75.04 | 75.29 |
| 125,000.01-150,000.00 | 5,405 | 744,791,332 | 4.91 | 4.748 | 736 | 75.29 | 75.51 |
| 150,000.01-200,000.00 | 10,373 | 1,824,170,207 | 12.01 | 4.663 | 738 | 75.25 | 75.45 |
| 200,000.01-250,000.00 | 9,210 | 2,067,295,071 | 13.61 | 4.594 | 741 | 75.71 | 75.92 |
| 250,000.01-300,000.00 | 7,755 | 2,129,381,183 | 14.02 | 4.549 | 743 | 75.85 | 76.06 |
| 300,000.01-350,000.00 | 5,566 | 1,805,427,042 | 11.89 | 4.522 | 743 | 75.84 | 76.08 |
| 350,000.01-400,000.00 | 4,484 | 1,680,951,569 | 11.07 | 4.512 | 744 | 75.63 | 75.97 |
| 400,000.01-450,000.00 | 4,043 | 1,724,934,926 | 11.36 | 4.494 | 742 | 75.35 | 76.55 |
| 450,000.01-500,000.00 | 1,928 | 892,062,697 | 5.88 | 4.609 | 742 | 73.64 | 75.94 |
| 500,000.01-550,000.00 | 748 | 391,761,325 | 2.58 | 4.630 | 741 | 75.00 | 75.70 |
| 550,000.01-600,000.00 | 578 | 332,454,561 | 2.19 | 4.587 | 740 | 75.03 | 75.59 |
| 600,000.01-650,000.00 | 453 | 283,761,956 | 1.87 | 4.607 | 740 | 75.26 | 76.93 |
| 650,000.01-700,000.00 | 325 | 217,748,669 | 1.43 | 4.714 | 739 | 73.13 | 75.91 |
| 700,000.01-750,000.00 | 18 | 12,943,419 | 0.09 | 4.925 | 726 | 73.43 | 73.43 |
| 750,000.01-800,000.00 | 16 | 12,518,376 | 0.08 | 4.940 | 760 | 71.96 | 72.45 |
| 800,000.01-850,000.00 | 9 | 7,398,165 | 0.05 | 4.834 | 756 | 68.74 | 68.74 |
| 850,000.01-900,000.00 | 9 | 7,737,104 | 0.05 | 4.986 | 757 | 70.09 | 70.09 |
| 900,000.01 or greater | 22 | 23,368,333 | 0.15 | 4.954 | 739 | 71.93 | 71.93 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Average (\$) | 244,662.33 |  |  |  |  |  |  |

*Indicates a number that is greater than 0.000\% but less than 0.005\%.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
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Connecticut Avenue Securities, Series 2018-C06

| Gross Mortgage Rates of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Gross <br> Mortgage Rates (\%) | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(\mathbf{1})} \\ \hline \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 3.001-3.250 | 9 | 2,323,739 | 0.02 | 3.241 | 775 | 74.02 | 74.02 |
| 3.251-3.500 | 61 | 16,368,288 | 0.11 | 3.466 | 759 | 74.87 | 75.49 |
| 3.501-3.750 | 919 | 272,199,682 | 1.79 | 3.735 | 768 | 75.00 | 75.25 |
| 3.751-4.000 | 4,555 | 1,303,735,907 | 8.59 | 3.944 | 765 | 75.31 | 75.60 |
| 4.001-4.250 | 9,465 | 2,575,818,948 | 16.96 | 4.213 | 758 | 75.15 | 75.63 |
| 4.251-4.500 | 13,309 | 3,386,185,145 | 22.30 | 4.440 | 752 | 75.26 | 75.76 |
| 4.501-4.750 | 13,494 | 3,306,118,605 | 21.77 | 4.684 | 742 | 75.42 | 76.11 |
| 4.751-5.000 | 8,861 | 2,052,763,550 | 13.52 | 4.916 | 721 | 75.30 | 76.00 |
| 5.001-5.250 | 6,014 | 1,256,731,527 | 8.28 | 5.194 | 708 | 75.51 | 76.14 |
| 5.251-5.500 | 3,617 | 693,407,148 | 4.57 | 5.426 | 699 | 75.84 | 76.30 |
| 5.501-5.750 | 1,364 | 252,894,850 | 1.67 | 5.663 | 691 | 76.32 | 76.55 |
| 5.751-6.000 | 290 | 48,893,405 | 0.32 | 5.913 | 692 | 77.49 | 77.61 |
| 6.001-6.250 | 94 | 14,872,214 | 0.10 | 6.153 | 664 | 76.41 | 76.41 |
| 6.251-6.500 | 5 | 949,291 | 0.01 | 6.437 | 644 | 80.00 | 80.00 |
| 6.501-6.750 | 4 | 726,449 | * | 6.625 | 665 | 80.00 | 88.48 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Weighted Average (\%) | 4.597 |  |  |  |  |  |  |

*Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

Fannie Mae

| Seasoning of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Seasoning (months) | $\begin{array}{\|c} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ |  | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 2 | 8,315 | 1,987,831,385 | 13.09 | 4.784 | 744 | 75.60 | 76.18 |
| 3 | 26,388 | 6,346,787,578 | 41.80 | 4.717 | 740 | 75.40 | 75.95 |
| 4 | 19,659 | 4,846,808,225 | 31.92 | 4.482 | 741 | 75.30 | 75.80 |
| 5 | 6,009 | 1,540,161,643 | 10.14 | 4.295 | 744 | 75.18 | 75.77 |
| 6 | 1,351 | 365,720,713 | 2.41 | 4.338 | 740 | 74.98 | 75.50 |
| 7 | 213 | 59,282,002 | 0.39 | 4.438 | 734 | 74.66 | 74.94 |
| 8 | 43 | 13,116,953 | 0.09 | 4.320 | 750 | 73.40 | 73.84 |
| 9 | 27 | 9,757,101 | 0.06 | 4.360 | 745 | 76.15 | 77.30 |
| 10 | 21 | 4,270,397 | 0.03 | 4.402 | 738 | 74.58 | 74.58 |
| 11 | 6 | 1,807,598 | 0.01 | 4.605 | 735 | 73.21 | 73.21 |
| 12 | 10 | 2,479,448 | 0.02 | 4.292 | 718 | 75.18 | 77.60 |
| 13 | 11 | 2,964,022 | 0.02 | 4.472 | 734 | 72.96 | 72.96 |
| 14 | 5 | 2,000,253 | 0.01 | 4.543 | 726 | 78.70 | 82.16 |
| 15 | 3 | 1,001,428 | 0.01 | 4.520 | 714 | 79.17 | 79.17 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Weighted Average (months) | 3.50 |  |  |  |  |  |  |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Original Loan-to-Value Ratio of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Original LTV (\%) | $\begin{array}{\|c} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| 60.01-65.00 | 4,929 | 1,192,213,274 | 7.85 | 4.516 | 740 | 63.39 | 64.69 |
| 65.01-70.00 | 9,377 | 2,372,419,871 | 15.62 | 4.586 | 731 | 68.62 | 69.52 |
| 70.01-75.00 | 14,653 | 3,510,019,376 | 23.12 | 4.664 | 742 | 74.12 | 74.73 |
| 75.01-80.00 | 33,102 | 8,109,336,225 | 53.41 | 4.583 | 744 | 79.62 | 79.92 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Weighted Average (\%) | 75.36 |  |  |  |  |  |  |


| Combined Loan-to-Value Ratio of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Combined LTV (\%) | $\begin{array}{\|c\|} \hline \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 60.01-65.00 | 4,702 | 1,108,115,491 | 7.30 | 4.516 | 740 | 63.38 | 63.38 |
| 65.01-70.00 | 9,025 | 2,249,843,265 | 14.82 | 4.586 | 731 | 68.61 | 68.62 |
| 70.01-75.00 | 14,290 | 3,376,524,991 | 22.24 | 4.663 | 742 | 74.06 | 74.12 |
| 75.01-80.00 | 32,673 | 7,985,076,881 | 52.59 | 4.579 | 743 | 79.49 | 79.62 |
| 80.01-85.00 | 198 | 62,331,308 | 0.41 | 4.546 | 747 | 73.77 | 84.03 |
| $85.01-90.00$ | 771 | 283,969,747 | 1.87 | 4.671 | 740 | 74.92 | 89.58 |
| 90.01-95.00 | 374 | 111,881,275 | 0.74 | 4.767 | 735 | 75.73 | 94.42 |
| 95.01-97.00 | 28 | 6,245,789 | 0.04 | 4.790 | 710 | 79.12 | 96.66 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Weighted Average (\%) | 75.90 |  |  |  |  |  |  |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Credit Scores of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Credit Scores at Origination | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{gathered}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| 620 | 82 | 19,274,568 | 0.13 | 5.123 | 620 | 74.11 | 74.43 |
| 621-640 | 1,926 | 419,999,579 | 2.77 | 5.091 | 631 | 74.22 | 74.54 |
| 641-660 | 2,879 | 634,122,401 | 4.18 | 5.050 | 651 | 74.61 | 74.97 |
| 661-680 | 4,088 | 927,849,368 | 6.11 | 4.948 | 671 | 74.46 | 74.89 |
| 681-700 | 5,312 | 1,261,336,783 | 8.31 | 4.777 | 691 | 75.07 | 75.70 |
| 701-720 | 6,628 | 1,672,091,726 | 11.01 | 4.672 | 710 | 75.31 | 76.06 |
| 721-740 | 7,334 | 1,858,468,632 | 12.24 | 4.565 | 730 | 75.42 | 76.17 |
| 741-760 | 8,277 | 2,087,361,007 | 13.75 | 4.487 | 751 | 75.67 | 76.27 |
| 761-780 | 9,691 | 2,437,145,254 | 16.05 | 4.474 | 771 | 75.52 | 76.10 |
| 781-800 | 10,276 | 2,563,739,533 | 16.88 | 4.446 | 790 | 75.62 | 76.03 |
| 801-820 | 5,496 | 1,288,651,386 | 8.49 | 4.437 | 807 | 75.65 | 75.93 |
| 821-840 | 72 | 13,948,508 | 0.09 | 4.475 | 824 | 74.93 | 74.93 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Weighted Average | 741 |  |  |  |  |  |  |


| Debt-to-Income Ratio of the Mortgage Loans at Origination* |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Debt-to-Income Ratios (\%) | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \end{gathered}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV Ratio (\%) |
| 0-20 | 3,719 | 804,295,466 | 5.30 | 4.499 | 763 | 75.35 | 75.65 |
| 21-25 | 5,113 | 1,173,334,549 | 7.73 | 4.484 | 757 | 75.61 | 75.98 |
| 26-30 | 7,242 | 1,694,184,491 | 11.16 | 4.523 | 750 | 75.65 | 76.08 |
| 31-35 | 8,994 | 2,181,979,958 | 14.37 | 4.571 | 745 | 75.51 | 76.09 |
| 36-40 | 10,480 | 2,559,643,636 | 16.86 | 4.616 | 739 | 75.47 | 76.26 |
| 41-45 | 12,482 | 3,125,249,233 | 20.58 | 4.641 | 735 | 75.33 | 76.07 |
| 46-50 | 14,031 | 3,645,301,412 | 24.01 | 4.654 | 730 | 74.99 | 75.33 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Weighted Average (\%) | 37 |  |  |  |  |  |  |

*Debt-to-Income Ratios are shown rounded to the nearest integer.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Occupancy Status of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Occupancy Status | Number <br> of <br> Mortgage <br> Loans | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| Owner-Occupied | 50,105 | 12,777,387,003 | 84.15 | 4.545 | 738 | 75.45 | 76.09 |
| Investment Property | 8,716 | 1,659,450,228 | 10.93 | 5.058 | 752 | 74.03 | 74.04 |
| Second Home | 3,240 | 747,151,515 | 4.92 | 4.462 | 763 | 76.66 | 76.88 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Loan Purpose of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Loan Purpose | $\begin{array}{\|c} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| Purchase | 32,867 | 8,037,445,426 | 52.93 | 4.528 | 753 | 76.95 | 77.64 |
| Cash-Out Refinance | 20,597 | 4,917,599,301 | 32.39 | 4.779 | 724 | 73.58 | 73.63 |
| No Cash-Out Refinance | 8,597 | 2,228,944,020 | 14.68 | 4.445 | 734 | 73.51 | 74.65 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Property Type of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Property Type | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance (\$) }{ }^{(1)} \\ \hline \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| 1-4 Family Dwelling Unit | 37,404 | 8,961,487,627 | 59.02 | 4.628 | 737 | 75.03 | 75.48 |
| PUD | 17,135 | 4,558,877,986 | 30.02 | 4.541 | 745 | 75.98 | 76.79 |
| Condo | 6,603 | 1,500,445,934 | 9.88 | 4.593 | 752 | 75.30 | 75.65 |
| Manufactured Housing | 578 | 84,244,206 | 0.55 | 4.837 | 736 | 76.20 | 76.36 |
| Co-op | 341 | 78,932,993 | 0.52 | 4.183 | 758 | 76.39 | 76.39 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Geographic Concentration of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State or Territory | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original <br> LTV Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| California | 9,600 | 3,408,749,060 | 22.45 | 4.649 | 735 | 74.04 | 74.60 |
| Texas | 5,405 | 1,173,153,716 | 7.73 | 4.650 | 738 | 76.20 | 76.99 |
| Florida | 5,106 | 1,062,814,634 | 7.00 | 4.622 | 742 | 75.84 | 76.44 |
| Colorado | 2,527 | 743,675,842 | 4.90 | 4.635 | 742 | 75.06 | 75.73 |
| Washington | 2,414 | 733,353,192 | 4.83 | 4.652 | 740 | 75.23 | 75.55 |
| New York | 1,984 | 598,213,926 | 3.94 | 4.518 | 740 | 75.04 | 75.22 |
| Arizona | 2,440 | 526,614,446 | 3.47 | 4.682 | 744 | 76.04 | 76.36 |
| Georgia | 1,901 | 392,619,402 | 2.59 | 4.551 | 745 | 75.87 | 76.80 |
| Oregon | 1,434 | 387,835,137 | 2.55 | 4.647 | 744 | 75.17 | 75.89 |
| Illinois | 1,923 | 383,350,763 | 2.52 | 4.584 | 744 | 75.85 | 76.36 |
| North Carolina | 1,657 | 353,232,358 | 2.33 | 4.495 | 748 | 76.34 | 77.12 |
| New Jersey | 1,283 | 343,343,654 | 2.26 | 4.561 | 738 | 75.36 | 75.69 |
| Virginia | 1,250 | 332,016,965 | 2.19 | 4.484 | 747 | 75.63 | 76.50 |
| Michigan | 1,719 | 299,390,854 | 1.97 | 4.631 | 740 | 76.13 | 76.38 |
| Pennsylvania | 1,492 | 296,610,792 | 1.95 | 4.456 | 750 | 76.25 | 76.69 |
| Massachusetts | 976 | 290,125,631 | 1.91 | 4.544 | 735 | 74.33 | 74.66 |
| Utah | 1,167 | 288,836,142 | 1.90 | 4.595 | 744 | 75.59 | 76.03 |
| Nevada | 1,172 | 279,363,956 | 1.84 | 4.724 | 736 | 75.47 | 75.97 |
| Minnesota | 1,194 | 255,394,299 | 1.68 | 4.528 | 747 | 76.07 | 76.64 |
| Tennessee | 1,204 | 241,974,238 | 1.59 | 4.539 | 744 | 76.01 | 76.45 |
| Maryland | 869 | 224,714,182 | 1.48 | 4.539 | 747 | 75.97 | 76.91 |
| Ohio | 1,416 | 219,145,309 | 1.44 | 4.546 | 745 | 76.16 | 76.54 |
| Wisconsin | 1,192 | 216,257,608 | 1.42 | 4.507 | 751 | 76.17 | 76.44 |
| South Carolina | 1,037 | 211,053,475 | 1.39 | 4.527 | 750 | 75.90 | 76.76 |
| Missouri | 1,201 | 204,992,800 | 1.35 | 4.555 | 750 | 76.02 | 76.62 |
| Idaho | 636 | 137,414,961 | 0.90 | 4.560 | 748 | 76.24 | 76.42 |
| Indiana | 847 | 133,532,823 | 0.88 | 4.622 | 741 | 76.25 | 76.90 |
| Alabama | 690 | 127,618,020 | 0.84 | 4.461 | 748 | 76.21 | 76.71 |
| Hawaii | 298 | 125,032,983 | 0.82 | 4.439 | 743 | 74.30 | 74.98 |
| Louisiana | 626 | 124,575,978 | 0.82 | 4.616 | 737 | 75.74 | 76.45 |
| Oklahoma | 519 | 95,374,976 | 0.63 | 4.584 | 744 | 76.35 | 77.04 |
| Connecticut | 404 | 90,739,151 | 0.60 | 4.491 | 744 | 76.29 | 76.47 |
| Kentucky | 485 | 83,194,729 | 0.55 | 4.555 | 746 | 76.33 | 76.95 |
| Iowa | 471 | 77,630,493 | 0.51 | 4.428 | 746 | 76.13 | 76.86 |
| Nebraska | 376 | 69,265,828 | 0.46 | 4.414 | 752 | 76.13 | 76.22 |
| Montana | 282 | 66,312,094 | 0.44 | 4.508 | 749 | 75.88 | 76.29 |
| Arkansas | 357 | 63,107,364 | 0.42 | 4.432 | 748 | 76.45 | 76.61 |
| Kansas | 322 | 62,133,467 | 0.41 | 4.493 | 747 | 76.78 | 76.91 |
| New Mexico | 307 | 58,580,914 | 0.39 | 4.627 | 750 | 76.38 | 76.77 |
| New Hampshire | 222 | 51,891,169 | 0.34 | 4.526 | 742 | 76.61 | 76.94 |
| District of Columbia | 138 | 51,266,333 | 0.34 | 4.496 | 745 | 73.53 | 74.97 |
| Mississippi | 293 | 49,603,413 | 0.33 | 4.525 | 738 | 76.01 | 76.49 |
| Delaware | 182 | 41,753,127 | 0.27 | 4.478 | 752 | 76.77 | 77.22 |
| Rhode Island | 166 | 36,322,222 | 0.24 | 4.638 | 742 | 75.37 | 75.54 |
| South Dakota | 143 | 28,549,295 | 0.19 | 4.417 | 751 | 76.26 | 77.12 |
| Alaska | 117 | 28,365,305 | 0.19 | 4.529 | 745 | 75.00 | 75.00 |
| Wyoming | 124 | 26,497,374 | 0.17 | 4.485 | 742 | 75.82 | 76.41 |
| Maine | 131 | 25,444,241 | 0.17 | 4.593 | 736 | 75.12 | 75.38 |
| North Dakota | 93 | 20,108,272 | 0.13 | 4.481 | 743 | 76.30 | 76.90 |
| West Virginia | 109 | 17,031,021 | 0.11 | 4.444 | 752 | 74.88 | 75.07 |
| Vermont | 76 | 14,155,152 | 0.09 | 4.427 | 740 | 74.77 | 74.94 |
| Puerto Rico | 71 | 7,890,607 | 0.05 | 4.629 | 738 | 75.32 | 75.32 |
| Virgin Islands | 12 | 3,530,033 | 0.02 | 4.946 | 754 | 75.80 | 75.80 |
| Guam | 1 | 235,021 | * | 4.250 | 823 | 80.00 | 80.00 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

*Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Geographic Concentration of the Mortgage Loans (Top 10 Metropolitan Statistical Areas ("MSA"))* |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Top 10 MSAs | Number <br> of <br> Mortgage <br> Loans <br> 2851 | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \end{gathered}$ | Unpaid <br> Principal <br> Balance <br> $(\%)^{(1)}$$\|$ | W.A. Mortgage Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| Los Angeles-Long Beach-Anaheim, CA | 2,851 | 1,181,904,554 | 7.78 | 4.644 | 734 | 73.79 | 74.28 |
| Non-Metro | 5,311 | 975,870,404 | 6.43 | 4.574 | 743 | 75.77 | 76.04 |
| New York-Newark-Jersey City, NY-NJ-PA | 2,441 | 791,416,093 | 5.21 | 4.537 | 739 | 75.02 | 75.23 |
| Dallas-Fort Worth-Arlington, TX | 2,083 | 481,747,653 | 3.17 | 4.650 | 735 | 76.23 | 77.06 |
| Seattle-Tacoma-Bellevue, WA | 1,362 | 477,126,642 | 3.14 | 4.659 | 740 | 75.00 | 75.29 |
| Denver-Aurora-Lakewood, CO | 1,490 | 463,838,173 | 3.05 | 4.642 | 739 | 74.92 | 75.60 |
| Riverside-San Bernardino-Ontario, CA | 1,579 | 450,942,195 | 2.97 | 4.691 | 727 | 74.58 | 75.17 |
| Phoenix-Mesa-Scottsdale, AZ | 1,868 | 419,492,866 | 2.76 | 4.676 | 743 | 76.04 | 76.36 |
| San Diego-Carlsbad, CA | 891 | 351,693,734 | 2.32 | 4.560 | 740 | 74.25 | 74.77 |
| Chicago-Naperville-Elgin, IL-IN-WI | 1,514 | 331,062,385 | 2.18 | 4.578 | 744 | 75.67 | 76.11 |
| Other | 40,671 | 9,258,894,049 | 60.98 | 4.584 | 743 | 75.57 | 76.19 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

*Definitions of Metropolitan Statistical Areas (MSA) are updated periodically by the United States Office of Management and Budget. Fannie Mae seeks to update its loan level disclosure from time to time to reflect corresponding changes.

| Geographic Concentration of the Mortgage Loans (Top 10 Zip Codes) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Top 10 Zip Codes | $\begin{array}{\|c} \hline \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ |  | Unpaid <br> Principal <br> Balance <br> $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | $\begin{gathered} \text { W.A. } \\ \text { Original } \\ \text { CLTV } \\ \text { Ratio (\%) } \end{gathered}$ |
| 92336 | 52 | 18,163,185 | 0.12 | 4.699 | 722 | 76.44 | 76.44 |
| 98012 | 45 | 17,659,070 | 0.12 | 4.507 | 745 | 75.72 | 75.98 |
| 95020 | 30 | 16,520,113 | 0.11 | 4.678 | 723 | 74.15 | 75.39 |
| 95747 | 46 | 16,174,618 | 0.11 | 4.546 | 750 | 74.98 | 75.69 |
| 95624 | 50 | 16,018,017 | 0.11 | 4.723 | 728 | 75.17 | 75.17 |
| 75070 | 64 | 15,940,379 | 0.10 | 4.615 | 743 | 75.61 | 75.88 |
| 80602 | 45 | 15,738,937 | 0.10 | 4.566 | 736 | 76.43 | 77.17 |
| 94513 | 37 | 15,619,097 | 0.10 | 4.612 | 735 | 73.34 | 73.82 |
| 91342 | 41 | 15,341,677 | 0.10 | 4.685 | 724 | 75.69 | 76.17 |
| 92880 | 38 | 15,142,104 | 0.10 | 4.609 | 721 | 74.61 | 75.59 |
| Other | 61,613 | 15,021,671,548 | 98.93 | 4.597 | 741 | 75.36 | 75.90 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Original Term to Maturity of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Original Term to Maturity (months) | $\begin{array}{\|l} \hline \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 241-259 | 5 | 1,263,927 | 0.01 | 4.803 | 759 | 70.55 | 70.55 |
| 260-279 | 31 | 5,938,619 | 0.04 | 4.567 | 742 | 73.48 | 75.05 |
| 280-299 | 24 | 4,451,343 | 0.03 | 4.515 | 735 | 73.66 | 73.66 |
| 300-319 | 582 | 123,201,487 | 0.81 | 4.555 | 734 | 73.15 | 73.42 |
| 320-339 | 85 | 20,246,032 | 0.13 | 4.459 | 731 | 73.34 | 73.61 |
| 340-359 | 69 | 18,704,872 | 0.12 | 4.418 | 734 | 75.93 | 76.34 |
| 360 | 61,265 | 15,010,182,466 | 98.86 | 4.598 | 741 | 75.38 | 75.93 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Weighted Average (months) | 359 |  |  |  |  |  |  |


| Remaining Term to Maturity of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Remaining Term to Maturity (months) | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{gathered}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 241-250 | 5 | 1,263,927 | 0.01 | 4.803 | 759 | 70.55 | 70.55 |
| 251-260 | 5 | 691,218 | * | 4.488 | 741 | 73.18 | 73.18 |
| 261-270 | 5 | 1,090,468 | 0.01 | 4.291 | 729 | 72.98 | 72.98 |
| 271-280 | 22 | 4,382,154 | 0.03 | 4.618 | 748 | 73.73 | 75.86 |
| 281-290 | 22 | 4,053,002 | 0.03 | 4.524 | 729 | 74.03 | 74.03 |
| 291-300 | 551 | 115,806,526 | 0.76 | 4.572 | 733 | 73.29 | 73.58 |
| 301-357 | 53,182 | 13,077,902,971 | 86.13 | 4.569 | 741 | 75.34 | 75.88 |
| 358 or greater | 8,269 | 1,978,798,479 | 13.03 | 4.783 | 744 | 75.61 | 76.19 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Weighted Average (months) | 356 |  |  |  |  |  |  |

*Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Seller of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Seller | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original <br> LTV <br> Ratio <br> (\%) | W.A. <br> Original <br> CLTV <br> Ratio <br> (\%) |
| Wells Fargo Bank, N.A. | 14,402 | 3,735,706,663 | 24.60 | 4.408 | 748 | 75.76 | 76.30 |
| Quicken Loans Inc. | 6,895 | 1,594,431,933 | 10.50 | 4.610 | 732 | 74.03 | 74.20 |
| United Shore Financial Services LLC | 2,826 | 775,796,035 | 5.11 | 4.625 | 752 | 75.07 | 75.43 |
| Freedom Mortgage Corp. | 1,496 | 451,778,740 | 2.98 | 4.626 | 731 | 75.05 | 75.60 |
| JPMorgan Chase Bank, NA | 1,371 | 320,343,001 | 2.11 | 4.327 | 744 | 75.19 | 75.36 |
| loanDepot.com, LLC | 975 | 248,862,222 | 1.64 | 4.779 | 713 | 74.84 | 75.15 |
| NationStar Mortgage, LLC | 968 | 237,551,559 | 1.56 | 4.696 | 725 | 73.61 | 74.26 |
| Broker Solutions, Inc. dba New American Funding | 783 | 229,959,982 | 1.51 | 4.835 | 738 | 75.47 | 76.20 |
| AmeriHome Mortgage Company, LLC | 907 | 223,725,563 | 1.47 | 4.724 | 738 | 74.59 | 75.34 |
| Movement Mortgage, LLC | 1,007 | 219,664,001 | 1.45 | 4.711 | 749 | 76.62 | 77.52 |
| Other | 30,431 | 7,146,169,047 | 47.06 | 4.676 | 740 | 75.56 | 76.21 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Servicers of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Servicer | $\begin{array}{\|c} \hline \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance (\$) }{ }^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. Mortgage Rate (\%) | W.A. <br> Original Credit Score | $\begin{gathered} \text { W.A. } \\ \text { Original } \\ \text { LTV Ratio } \\ \text { (\%) } \\ \hline \end{gathered}$ | W.A. <br> Original CLTV Ratio (\%) |
| Wells Fargo Bank, N.A. | 14,402 | 3,735,706,663 | 24.60 | 4.408 | 748 | 75.76 | 76.30 |
| Quicken Loans Inc. | 6,895 | 1,594,431,933 | 10.50 | 4.610 | 732 | 74.03 | 74.20 |
| United Shore Financial Services LLC | 2,826 | 775,796,035 | 5.11 | 4.625 | 752 | 75.07 | 75.43 |
| Freedom Mortgage Corp. | 2,085 | 607,543,305 | 4.00 | 4.657 | 735 | 75.37 | 76.00 |
| Matrix Financial Services Corporation | 1,766 | 393,129,322 | 2.59 | 4.792 | 745 | 76.10 | 76.90 |
| JPMorgan Chase Bank, NA | 1,371 | 320,343,001 | 2.11 | 4.327 | 744 | 75.19 | 75.36 |
| Broker Solutions, Inc. dba New American Funding | 783 | 229,959,982 | 1.51 | 4.835 | 738 | 75.47 | 76.20 |
| NationStar Mortgage, LLC | 927 | 228,035,632 | 1.50 | 4.711 | 724 | 73.71 | 74.36 |
| AmeriHome Mortgage Company, LLC | 907 | 223,725,563 | 1.47 | 4.724 | 738 | 74.59 | 75.34 |
| Arvest Central Mortgage Company | 821 | 210,013,317 | 1.38 | 4.823 | 727 | 75.26 | 75.79 |
| Other | 29,278 | 6,865,303,992 | 45.21 | 4.667 | 740 | 75.52 | 76.15 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Origination Channel of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Origination Channel | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance (\$) }{ }^{(1)} \\ \hline \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original <br> Credit <br> Score | W.A. Original LTV Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| Retail | 35,896 | 8,299,400,732 | 54.66 | 4.644 | 739 | 75.24 | 75.64 |
| Correspondent | 20,084 | 5,130,672,418 | 33.79 | 4.490 | 744 | 75.69 | 76.45 |
| Broker | 6,081 | 1,753,915,596 | 11.55 | 4.687 | 742 | 74.94 | 75.50 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Mortgage Loans with Subordinate Financing at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mortgage Loans with Subordinate Financing at Origination | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | $\begin{gathered} \text { W.A. } \\ \text { Original } \\ \text { LTV } \\ \text { Ratio (\%) } \\ \hline \end{gathered}$ | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| No | 60,298 | 14,578,781,624 | 96.01 | 4.595 | 741 | 75.44 | 75.44 |
| Yes | 1,763 | 605,207,122 | 3.99 | 4.636 | 738 | 73.39 | 87.09 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| First Payment Date of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| First Payment Date | Number of <br> Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| May 2017 | 3 | 1,001,428 | 0.01 | 4.520 | 714 | 79.17 | 79.17 |
| June 2017 | 5 | 2,000,253 | 0.01 | 4.543 | 726 | 78.70 | 82.16 |
| July 2017 | 11 | 2,964,022 | 0.02 | 4.472 | 734 | 72.96 | 72.96 |
| August 2017 | 10 | 2,479,448 | 0.02 | 4.292 | 718 | 75.18 | 77.60 |
| September 2017 | 6 | 1,807,598 | 0.01 | 4.605 | 735 | 73.21 | 73.21 |
| October 2017 | 21 | 4,270,397 | 0.03 | 4.402 | 738 | 74.58 | 74.58 |
| November 2017 | 27 | 9,757,101 | 0.06 | 4.360 | 745 | 76.15 | 77.30 |
| December 2017 | 43 | 13,116,953 | 0.09 | 4.320 | 750 | 73.40 | 73.84 |
| January 2018 | 213 | 59,282,002 | 0.39 | 4.438 | 734 | 74.66 | 74.94 |
| February 2018 | 1,351 | 365,720,713 | 2.41 | 4.338 | 740 | 74.98 | 75.50 |
| March 2018 | 6,009 | 1,540,161,643 | 10.14 | 4.295 | 744 | 75.18 | 75.77 |
| April 2018 | 19,659 | 4,846,808,225 | 31.92 | 4.482 | 741 | 75.30 | 75.80 |
| May 2018 | 26,388 | 6,346,787,578 | 41.80 | 4.717 | 740 | 75.40 | 75.95 |
| June 2018 | 8,315 | 1,987,831,385 | 13.09 | 4.784 | 744 | 75.60 | 76.18 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Maturity Date of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Maturity Date (year) | $\begin{array}{\|c} \hline \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 2039 | 5 | 1,263,927 | 0.01 | 4.803 | 759 | 70.55 | 70.55 |
| 2040 | 10 | 1,781,686 | 0.01 | 4.367 | 733 | 73.06 | 73.06 |
| 2041 | 23 | 4,558,867 | 0.03 | 4.638 | 745 | 73.90 | 75.94 |
| 2042 | 27 | 4,914,100 | 0.03 | 4.495 | 737 | 73.35 | 73.35 |
| 2043 | 551 | 116,030,612 | 0.76 | 4.571 | 733 | 73.26 | 73.55 |
| 2044 | 28 | 6,872,484 | 0.05 | 4.275 | 750 | 71.37 | 71.37 |
| 2045 | 50 | 11,657,774 | 0.08 | 4.478 | 728 | 72.46 | 72.84 |
| 2046 | 43 | 10,765,350 | 0.07 | 4.420 | 733 | 73.81 | 74.60 |
| 2047 | 390 | 111,253,266 | 0.73 | 4.417 | 736 | 75.00 | 75.41 |
| 2048 | 60,934 | 14,914,890,679 | 98.23 | 4.599 | 741 | 75.38 | 75.93 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| First Time Homebuyer |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> of <br> Mortgage <br> Loans | Unpaid <br> Principal <br> Balance (\$) <br>  <br> First Time Homebuyer | Unpaid <br> Principal <br> Balance <br> $\mathbf{( \% )}^{(\mathbf{1})}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original <br> Credit <br> Score | W.A. <br> Original <br> LTV <br> Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| No | 52,203 | $12,769,756,800$ | 84.10 | 4.620 | 741 | 74.93 | 75.43 |
| Yes | 9,858 | $2,414,231,947$ | 15.90 | 4.475 | 744 | 77.59 | 78.41 |
| Total: | $\mathbf{6 2 , 0 6 1}$ | $\mathbf{1 5 , 1 8 3 , 9 8 8 , 7 4 6}$ | $\mathbf{1 0 0 . 0 0}$ | $\mathbf{4 . 5 9 7}$ | $\mathbf{7 4 1}$ | $\mathbf{7 5 . 3 6}$ | $\mathbf{7 5 . 9 0}$ |


| Number of Borrowers |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Borrowers | Number of <br> Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 1 | 34,157 | 7,767,661,946 | 51.16 | 4.614 | 742 | 75.25 | 75.76 |
| 2 or more | 27,904 | 7,416,326,800 | 48.84 | 4.579 | 740 | 75.46 | 76.05 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Number of Units |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Units | $\begin{array}{\|c} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| 1 | 59,959 | 14,600,207,583 | 96.16 | 4.583 | 741 | 75.47 | 76.03 |
| 2 | 1,464 | 369,198,287 | 2.43 | 4.917 | 745 | 72.86 | 72.94 |
| 3 | 338 | 111,169,834 | 0.73 | 5.038 | 741 | 72.27 | 72.27 |
| 4 | 300 | 103,413,043 | 0.68 | 5.035 | 752 | 71.81 | 71.86 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Mortgage Insurance Coverage |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mortgage Insurance Coverage | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance (\$) }{ }^{(1)} \\ \hline \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| None | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Delinquency Status of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Delinquency Status | $\begin{array}{\|c\|} \hline \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV Ratio (\%) |
| Current | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.
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| Historical Delinquency of the Mortgage Loans Since Acquisition as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Delinquency Status Since Acquisition | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV Ratio (\%) |
| Never Delinquent | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| HomeReady Indicator |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HomeReady Indicator | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance (\$) }{ }^{(1)} \\ \hline \end{gathered}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| No | 60,364 | 14,854,651,250 | 97.83 | 4.599 | 742 | 75.32 | 75.86 |
| Yes | 1,697 | 329,337,496 | 2.17 | 4.493 | 717 | 77.09 | 77.69 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |


| Property Inspection Waiver |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Property Inspection Waiver | $\begin{array}{\|c} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| No | 57,565 | 13,896,942,623 | 91.52 | 4.610 | 741 | 75.62 | 76.20 |
| Yes | 4,496 | 1,287,046,124 | 8.48 | 4.462 | 744 | 72.51 | 72.66 |
| Total: | 62,061 | 15,183,988,746 | 100.00 | 4.597 | 741 | 75.36 | 75.90 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

## Reference Pool Summary

## Loan Group 2

Statistics for the Reference Obligations listed below are based on statistical Cut-off Date information as of July 31, 2018.

| Collateral Summary |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Aggregate | $\begin{aligned} & \text { Weighted } \\ & \hline \text { Average } \end{aligned}$ | Minimum | Maximum |
| Number of Reference Obligations | 43,325 | - | - | - |
| Aggregate Original Principal Balance | \$10,656,900,000 | \$245,976 ${ }^{(1)}$ | \$21,000 | \$808,000 |
| Aggregate Unpaid Principal Balance | \$10,527,759,933 | \$242,995 ${ }^{(1)}$ | \$8,810 | \$801,772 |
| Gross Mortgage Rate | - | 4.335\% | 3.125\% | 6.125\% |
| Remaining Term to Stated Maturity | - | 355 Months | 257 Months | 357 Months |
| Original Term | - | 360 Months | 264 Months | 360 Months |
| Loan Age | - | 5 Months | 3 Months | 15 Months |
| Original Loan-to-Value Ratio | - | 92.50\% | 81.00\% | 97.00\% |
| Original Combined Loan-to-Value Ratio | - | 92.52\% | 81.00\% | 97.00\% |
| Debt-to-Income Ratio | - | 38\% | 1\% | 50\% |
| Credit Score | - | 743 | 620 | 832 |
| \% Refinance | 10.95\% |  |  |  |
| \% Owner Occupied | 96.19\% |  |  |  |
| \% SFR/PUD | 89.15\% |  |  |  |
| Top Five Geographic Concentration of Mortgage Loans (States) |  |  |  |  |
| CA | 12.29\% |  |  |  |
| TX | 7.66\% |  |  |  |
| FL | 7.28\% |  |  |  |
| AZ | 4.77\% |  |  |  |
| WA | 4.10\% |  |  |  |

(1) Average

| Product Type of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product Type | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Mortgage } \\ & \text { Loans } \\ & \hline \end{aligned}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| Fixed Rate | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Unpaid Principal Balances as of the Origination Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Unpaid Principal Balance (\$) | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{gathered}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid <br> Principal <br> Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 0.01-25,000.00 | 6 | 141,570 | * | 4.976 | 747 | 91.31 | 91.31 |
| 25,000.01-50,000.00 | 280 | 11,673,317 | 0.11 | 4.580 | 721 | 93.19 | 93.19 |
| 50,000.01-75,000.00 | 1,122 | 71,854,665 | 0.68 | 4.561 | 724 | 93.28 | 93.31 |
| 75,000.01-100,000.00 | 1,789 | 156,413,030 | 1.49 | 4.471 | 730 | 93.58 | 93.62 |
| 100,000.01-125,000.00 | 2,760 | 311,209,671 | 2.96 | 4.432 | 733 | 93.15 | 93.23 |
| 125,000.01-150,000.00 | 3,762 | 516,018,702 | 4.90 | 4.413 | 737 | 93.29 | 93.34 |
| 150,000.01-200,000.00 | 7,449 | 1,292,025,002 | 12.27 | 4.394 | 738 | 93.36 | 93.38 |
| 200,000.01-250,000.00 | 7,450 | 1,657,141,551 | 15.74 | 4.344 | 743 | 92.94 | 92.95 |
| 250,000.01-300,000.00 | 6,081 | 1,648,281,744 | 15.66 | 4.314 | 744 | 92.66 | 92.67 |
| $300,000.01-350,000.00$ | 4,698 | 1,502,456,755 | 14.27 | 4.291 | 744 | 92.59 | 92.60 |
| $350,000.01-400,000.00$ | 3,461 | 1,278,861,601 | 12.15 | 4.282 | 745 | 92.32 | 92.33 |
| $400,000.01-450,000.00$ | 2,401 | 998,655,128 | 9.49 | 4.281 | 743 | 91.77 | 91.79 |
| $450,000.01-500,000.00$ | 902 | 417,226,507 | 3.96 | 4.337 | 748 | 90.93 | 90.98 |
| $500,000.01-550,000.00$ | 443 | 229,850,603 | 2.18 | 4.342 | 751 | 90.90 | 90.92 |
| $550,000.01-600,000.00$ | 332 | 189,553,003 | 1.80 | 4.344 | 748 | 90.38 | 90.40 |
| 600,000.01-650,000.00 | 270 | 167,176,099 | 1.59 | 4.403 | 747 | 89.73 | 89.80 |
| 650,000.01-700,000.00 | 114 | 75,521,220 | 0.72 | 4.426 | 747 | 90.10 | 90.10 |
| 700,000.01-750,000.00 | 3 | 2,140,544 | 0.02 | 4.414 | 759 | 89.95 | 89.95 |
| 750,000.01-800,000.00 | 1 | 757,450 | 0.01 | 4.180 | 733 | 85.00 | 85.00 |
| 800,000.01-850,000.00 | 1 | 801,772 | 0.01 | 4.125 | 781 | 85.00 | 85.00 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Average (\$) | 245,975.76 |  |  |  |  |  |  |

*Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Unpaid Principal Balances as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Unpaid Principal Balance (\$) | Number <br> of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 0.01-25,000.00 | 15 | 296,498 | * | 4.637 | 771 | 92.36 | 92.36 |
| 25,000.01-50,000.00 | 292 | 12,117,325 | 0.12 | 4.577 | 725 | 93.12 | 93.12 |
| 50,000.01-75,000.00 | 1,171 | 75,246,876 | 0.71 | 4.547 | 725 | 93.30 | 93.33 |
| 75,000.01-100,000.00 | 1,825 | 160,284,180 | 1.52 | 4.467 | 731 | 93.55 | 93.59 |
| 100,000.01-125,000.00 | 2,854 | 323,535,849 | 3.07 | 4.425 | 734 | 93.15 | 93.23 |
| 125,000.01-150,000.00 | 3,756 | 518,590,567 | 4.93 | 4.411 | 737 | 93.25 | 93.30 |
| 150,000.01-200,000.00 | 7,538 | 1,316,189,160 | 12.50 | 4.390 | 739 | 93.36 | 93.38 |
| 200,000.01-250,000.00 | 7,553 | 1,694,372,497 | 16.09 | 4.340 | 744 | 92.92 | 92.93 |
| 250,000.01-300,000.00 | 6,054 | 1,658,277,596 | 15.75 | 4.316 | 744 | 92.67 | 92.69 |
| $300,000.01-350,000.00$ | 4,642 | 1,503,883,553 | 14.28 | 4.290 | 744 | 92.58 | 92.59 |
| 350,000.01-400,000.00 | 3,355 | 1,254,664,568 | 11.92 | 4.283 | 745 | 92.30 | 92.32 |
| 400,000.01-450,000.00 | 2,444 | 1,033,239,961 | 9.81 | 4.283 | 743 | 91.68 | 91.69 |
| 450,000.01-500,000.00 | 697 | 328,255,483 | 3.12 | 4.364 | 748 | 90.84 | 90.89 |
| $500,000.01-550,000.00$ | 445 | 232,569,545 | 2.21 | 4.348 | 751 | 90.78 | 90.81 |
| $550,000.01-600,000.00$ | 316 | 181,784,731 | 1.73 | 4.347 | 748 | 90.48 | 90.50 |
| 600,000.01-650,000.00 | 261 | 162,675,987 | 1.55 | 4.413 | 747 | 89.82 | 89.89 |
| 650,000.01-700,000.00 | 102 | 68,075,790 | 0.65 | 4.423 | 746 | 89.86 | 89.86 |
| 700,000.01-750,000.00 | 3 | 2,140,544 | 0.02 | 4.414 | 759 | 89.95 | 89.95 |
| $750,000.01-800,000.00$ | 1 | 757,450 | 0.01 | 4.180 | 733 | 85.00 | 85.00 |
| 800,000.01-850,000.00 | 1 | 801,772 | 0.01 | 4.125 | 781 | 85.00 | 85.00 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Average (\$) | 242,995.04 |  |  |  |  |  |  |

*Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Gross Mortgage Rates of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Gross <br> Mortgage Rates (\%) | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 3.001-3.250 | 12 | 1,994,345 | 0.02 | 3.185 | 770 | 93.71 | 93.71 |
| 3.251-3.500 | 80 | 18,725,619 | 0.18 | 3.457 | 759 | 92.10 | 92.10 |
| 3.501-3.750 | 1,650 | 458,774,542 | 4.36 | 3.741 | 766 | 91.49 | 91.50 |
| 3.751-4.000 | 8,728 | 2,265,073,499 | 21.52 | 3.940 | 760 | 91.78 | 91.80 |
| 4.001-4.250 | 12,265 | 3,023,073,603 | 28.72 | 4.205 | 749 | 92.22 | 92.23 |
| 4.251-4.500 | 9,597 | 2,266,892,721 | 21.53 | 4.427 | 739 | 92.77 | 92.79 |
| 4.501-4.750 | 5,636 | 1,327,858,427 | 12.61 | 4.680 | 726 | 93.12 | 93.15 |
| 4.751-5.000 | 2,689 | 599,254,042 | 5.69 | 4.906 | 714 | 93.42 | 93.50 |
| 5.001-5.250 | 1,499 | 324,689,422 | 3.08 | 5.186 | 704 | 94.22 | 94.25 |
| 5.251-5.500 | 612 | 127,578,251 | 1.21 | 5.421 | 698 | 93.84 | 93.84 |
| 5.501-5.750 | 430 | 87,996,680 | 0.84 | 5.672 | 706 | 94.76 | 94.76 |
| 5.751-6.000 | 106 | 22,706,386 | 0.22 | 5.889 | 698 | 95.00 | 95.03 |
| 6.001-6.250 | 21 | 3,142,395 | 0.03 | 6.125 | 664 | 91.94 | 91.94 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Weighted Average (\%) | 4.335 |  |  |  |  |  |  |


| Seasoning of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Seasoning (months) | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 3 | 4,892 | 1,157,067,287 | 10.99 | 4.615 | 743 | 93.17 | 93.18 |
| 4 | 13,415 | 3,308,287,435 | 31.42 | 4.395 | 743 | 92.62 | 92.64 |
| 5 | 15,620 | 3,798,577,092 | 36.08 | 4.254 | 743 | 92.28 | 92.30 |
| 6 | 8,106 | 1,976,631,056 | 18.78 | 4.227 | 743 | 92.34 | 92.36 |
| 7 | 977 | 218,709,930 | 2.08 | 4.354 | 735 | 92.50 | 92.57 |
| 8 | 209 | 44,284,074 | 0.42 | 4.313 | 737 | 92.60 | 92.70 |
| 9 | 59 | 13,168,135 | 0.13 | 4.218 | 742 | 91.96 | 92.06 |
| 10 | 29 | 6,308,955 | 0.06 | 4.241 | 739 | 93.66 | 93.66 |
| 11 | 5 | 1,242,624 | 0.01 | 4.182 | 766 | 94.30 | 94.30 |
| 12 | 4 | 1,093,454 | 0.01 | 4.078 | 780 | 93.61 | 93.61 |
| 13 | 4 | 810,078 | 0.01 | 4.321 | 751 | 90.36 | 90.36 |
| 14 | 3 | 942,161 | 0.01 | 4.488 | 727 | 91.46 | 91.46 |
| 15 | 2 | 637,653 | 0.01 | 4.771 | 686 | 93.47 | 93.47 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Weighted Average (months) | 4.72 |  |  |  |  |  |  |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Original Loan-to-Value Ratio of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Original LTV (\%) | $\begin{array}{\|c} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| 80.01-85.00 | 4,693 | 1,242,695,243 | 11.80 | 4.274 | 743 | 84.30 | 84.40 |
| $85.01-90.00$ | 11,021 | 2,859,210,206 | 27.16 | 4.258 | 747 | 89.55 | 89.57 |
| 90.01-95.00 | 17,918 | 4,495,445,375 | 42.70 | 4.338 | 741 | 94.72 | 94.73 |
| 95.01-97.00 | 9,693 | 1,930,409,109 | 18.34 | 4.482 | 738 | 96.99 | 96.99 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Weighted Average (\%) | 92.50 |  |  |  |  |  |  |


| Combined Loan-to-Value Ratio of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Combined LTV (\%) | Number of Mortgage Loans |  | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 80.01-85.00 | 4,613 | 1,223,873,015 | 11.63 | 4.271 | 743 | 84.30 | 84.30 |
| 85.01-90.00 | 10,998 | 2,858,537,342 | 27.15 | 4.258 | 747 | 89.53 | 89.55 |
| 90.01-95.00 | 17,969 | 4,506,052,834 | 42.80 | 4.339 | 741 | 94.70 | 94.72 |
| 95.01-97.00 | 9,745 | 1,939,296,743 | 18.42 | 4.482 | 738 | 96.96 | 96.99 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Weighted Average (\%) | 92.52 |  |  |  |  |  |  |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Credit Scores of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Credit Scores at Origination | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid <br> Principal <br> Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 620 | 17 | 2,566,450 | 0.02 | 4.726 | 620 | 92.21 | 92.21 |
| 621-640 | 643 | 134,888,919 | 1.28 | 4.829 | 632 | 92.09 | 92.11 |
| 641-660 | 1,363 | 289,388,348 | 2.75 | 4.824 | 651 | 92.94 | 92.97 |
| 661-680 | 2,094 | 444,494,928 | 4.22 | 4.718 | 671 | 92.79 | 92.83 |
| 681-700 | 4,133 | 954,760,296 | 9.07 | 4.506 | 691 | 92.75 | 92.78 |
| 701-720 | 5,476 | 1,315,411,634 | 12.49 | 4.422 | 711 | 92.66 | 92.69 |
| 721-740 | 6,334 | 1,529,381,351 | 14.53 | 4.330 | 730 | 92.75 | 92.77 |
| 741-760 | 7,083 | 1,752,076,505 | 16.64 | 4.256 | 750 | 92.56 | 92.57 |
| 761-780 | 7,141 | 1,824,554,109 | 17.33 | 4.215 | 771 | 92.39 | 92.41 |
| 781-800 | 6,295 | 1,625,722,436 | 15.44 | 4.206 | 790 | 92.12 | 92.13 |
| 801-820 | 2,725 | 649,461,995 | 6.17 | 4.212 | 807 | 92.11 | 92.12 |
| 821-840 | 21 | 5,052,963 | 0.05 | 4.136 | 824 | 89.90 | 89.90 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Weighted Average | 743 |  |  |  |  |  |  |


| Debt-to-Income Ratio of the Mortgage Loans at Origination* |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Debt-to-Income Ratios (\%) | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 1-20 | 1,517 | 293,691,562 | 2.79 | 4.198 | 760 | 91.33 | 91.34 |
| 21-25 | 2,851 | 635,356,138 | 6.04 | 4.214 | 757 | 91.59 | 91.62 |
| 26-30 | 4,828 | 1,129,094,737 | 10.72 | 4.253 | 752 | 91.98 | 92.00 |
| 31-35 | 6,833 | 1,629,565,997 | 15.48 | 4.301 | 747 | 92.48 | 92.51 |
| 36-40 | 8,384 | 2,031,550,050 | 19.30 | 4.338 | 741 | 92.68 | 92.69 |
| 41-45 | 9,753 | 2,432,925,739 | 23.11 | 4.370 | 738 | 92.80 | 92.83 |
| 46-50 | 9,159 | 2,375,575,709 | 22.56 | 4.409 | 736 | 92.70 | 92.72 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Weighted Average (\%) | 38 |  |  |  |  |  |  |

*Debt-to-Income Ratios are shown rounded to the nearest integer.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Occupancy Status of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Occupancy Status | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. Original CLTV <br> Ratio (\%) |
| Owner-Occupied | 41,321 | 10,126,970,766 | 96.19 | 4.332 | 742 | 92.64 | 92.66 |
| Second Home | 1,732 | 361,458,404 | 3.43 | 4.328 | 753 | 89.46 | 89.46 |
| Investment Property | 272 | 39,330,764 | 0.37 | 5.199 | 755 | 84.95 | 84.95 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Loan Purpose of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Loan Purpose | $\begin{array}{\|c} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| Purchase | 39,006 | 9,375,180,202 | 89.05 | 4.343 | 743 | 93.09 | 93.10 |
| No Cash-Out Refinance | 4,319 | 1,152,579,732 | 10.95 | 4.271 | 740 | 87.77 | 87.84 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Property Type of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Property Type | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{gathered}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 1-4 Family Dwelling Unit | 25,341 | 5,853,020,077 | 55.60 | 4.325 | 742 | 92.53 | 92.55 |
| PUD | 12,774 | 3,533,000,479 | 33.56 | 4.321 | 743 | 92.49 | 92.51 |
| Condo | 4,554 | 1,042,192,507 | 9.90 | 4.417 | 747 | 92.43 | 92.44 |
| Manufactured Housing | 552 | 82,911,189 | 0.79 | 4.675 | 733 | 92.41 | 92.44 |
| Co-op | 104 | 16,635,682 | 0.16 | 4.248 | 743 | 90.19 | 90.19 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Geographic Concentration of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State or Territory | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1})}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. Original <br> LTV Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| California | 3,487 | 1,293,657,031 | 12.29 | 4.433 | 742 | 91.42 | 91.46 |
| Texas | 3,433 | 806,677,394 | 7.66 | 4.297 | 741 | 92.68 | 92.69 |
| Florida | 3,293 | 766,661,092 | 7.28 | 4.400 | 738 | 92.85 | 92.88 |
| Arizona | 2,193 | 502,116,152 | 4.77 | 4.672 | 733 | 93.41 | 93.45 |
| Washington | 1,370 | 432,101,305 | 4.10 | 4.389 | 743 | 92.81 | 92.82 |
| Colorado | 1,258 | 385,230,184 | 3.66 | 4.404 | 747 | 92.45 | 92.46 |
| Georgia | 1,624 | 373,233,121 | 3.55 | 4.271 | 743 | 92.72 | 92.72 |
| Virginia | 1,148 | 331,959,770 | 3.15 | 4.243 | 752 | 92.45 | 92.46 |
| North Carolina | 1,385 | 319,923,448 | 3.04 | 4.250 | 746 | 92.65 | 92.65 |
| Pennsylvania | 1,475 | 313,633,992 | 2.98 | 4.172 | 751 | 92.46 | 92.48 |
| Illinois | 1,541 | 310,260,767 | 2.95 | 4.304 | 740 | 92.43 | 92.47 |
| New York | 1,139 | 294,773,902 | 2.80 | 4.236 | 743 | 91.82 | 91.85 |
| Maryland | 990 | 284,100,046 | 2.70 | 4.317 | 748 | 92.73 | 92.77 |
| New Jersey | 907 | 251,154,241 | 2.39 | 4.220 | 743 | 91.51 | 91.53 |
| Ohio | 1,507 | 250,402,753 | 2.38 | 4.253 | 743 | 92.81 | 92.81 |
| Michigan | 1,468 | 250,382,540 | 2.38 | 4.367 | 737 | 92.93 | 92.96 |
| Utah | 892 | 241,476,750 | 2.29 | 4.349 | 749 | 92.96 | 92.96 |
| Massachusetts | 794 | 239,207,331 | 2.27 | 4.231 | 741 | 92.27 | 92.28 |
| Minnesota | 983 | 216,156,276 | 2.05 | 4.216 | 750 | 92.78 | 92.80 |
| Nevada | 812 | 210,175,697 | 2.00 | 4.698 | 731 | 93.00 | 93.01 |
| Tennessee | 855 | 196,940,569 | 1.87 | 4.219 | 745 | 92.58 | 92.60 |
| Oregon | 695 | 194,855,989 | 1.85 | 4.343 | 747 | 92.75 | 92.75 |
| Wisconsin | 953 | 177,793,656 | 1.69 | 4.249 | 740 | 92.39 | 92.42 |
| South Carolina | 841 | 173,022,608 | 1.64 | 4.300 | 744 | 92.80 | 92.80 |
| Indiana | 942 | 166,894,227 | 1.59 | 4.332 | 738 | 93.11 | 93.14 |
| Missouri | 896 | 166,315,627 | 1.58 | 4.237 | 747 | 92.78 | 92.81 |
| Alabama | 611 | 126,295,144 | 1.20 | 4.248 | 744 | 92.35 | 92.35 |
| Connecticut | 440 | 106,946,578 | 1.02 | 4.143 | 743 | 92.69 | 92.72 |
| Louisiana | 475 | 105,629,309 | 1.00 | 4.325 | 742 | 92.64 | 92.64 |
| Idaho | 401 | 88,602,539 | 0.84 | 4.245 | 745 | 92.51 | 92.59 |
| Oklahoma | 466 | 87,773,582 | 0.83 | 4.413 | 737 | 92.88 | 92.89 |
| Kentucky | 426 | 80,367,210 | 0.76 | 4.346 | 748 | 92.67 | 92.75 |
| Iowa | 477 | 76,906,219 | 0.73 | 4.131 | 744 | 92.80 | 92.82 |
| Nebraska | 355 | 65,452,105 | 0.62 | 4.090 | 745 | 93.24 | 93.25 |
| Arkansas | 335 | 63,393,080 | 0.60 | 4.188 | 746 | 92.43 | 92.43 |
| Kansas | 323 | 62,221,733 | 0.59 | 4.217 | 738 | 92.35 | 92.37 |
| New Mexico | 279 | 58,306,484 | 0.55 | 4.465 | 733 | 93.03 | 93.04 |
| New Hampshire | 237 | 56,462,573 | 0.54 | 4.283 | 737 | 92.94 | 92.94 |
| District of Columbia | 124 | 51,076,564 | 0.49 | 4.229 | 758 | 91.98 | 92.00 |
| Mississippi | 242 | 47,962,822 | 0.46 | 4.231 | 736 | 92.03 | 92.06 |
| Hawaii | 97 | 42,775,187 | 0.41 | 4.337 | 745 | 91.91 | 91.91 |
| Montana | 165 | 38,137,790 | 0.36 | 4.301 | 743 | 92.74 | 92.75 |
| Delaware | 140 | 34,459,167 | 0.33 | 4.218 | 746 | 91.53 | 91.53 |
| Rhode Island | 129 | 31,237,266 | 0.30 | 4.260 | 750 | 92.44 | 92.46 |
| South Dakota | 139 | 27,092,245 | 0.26 | 4.139 | 749 | 92.83 | 92.86 |
| Maine | 119 | 26,787,212 | 0.25 | 4.283 | 741 | 92.05 | 92.05 |
| West Virginia | 123 | 23,174,171 | 0.22 | 4.214 | 747 | 92.50 | 92.50 |
| Alaska | 81 | 21,070,919 | 0.20 | 4.332 | 738 | 93.04 | 93.04 |
| North Dakota | 85 | 20,537,195 | 0.20 | 4.105 | 751 | 92.81 | 92.81 |
| Wyoming | 72 | 17,361,811 | 0.16 | 4.150 | 747 | 91.94 | 91.99 |
| Vermont | 51 | 10,598,965 | 0.10 | 4.195 | 743 | 93.24 | 93.33 |
| Puerto Rico | 52 | 8,025,595 | 0.08 | 4.231 | 753 | 93.81 | 93.81 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Geographic Concentration of the Mortgage Loans (Top 10 Metropolitan Statistical Areas ("MSA"))* |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Top 10 MSAs | Number of <br> Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV Ratio (\%) |
| Non-Metro | 3,931 | 693,989,384 | 6.59 | 4.328 | 740 | 92.41 | 92.42 |
| Phoenix-Mesa-Scottsdale, AZ | 1,792 | 422,042,449 | 4.01 | 4.696 | 731 | 93.54 | 93.58 |
| New York-Newark-Jersey City, NY-NJ-PA | 1,289 | 409,053,660 | 3.89 | 4.238 | 742 | 91.30 | 91.33 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 1,115 | 384,383,963 | 3.65 | 4.275 | 752 | 92.46 | 92.50 |
| Los Angeles-Long Beach-Anaheim, CA | 793 | 358,239,169 | 3.40 | 4.440 | 745 | 91.05 | 91.07 |
| Dallas-Fort Worth-Arlington, TX | 1,231 | 311,163,412 | 2.96 | 4.292 | 743 | 92.61 | 92.61 |
| Atlanta-Sandy Springs-Roswell, GA | 1,169 | 285,478,390 | 2.71 | 4.267 | 743 | 92.79 | 92.79 |
| Chicago-Naperville-Elgin, IL-IN-WI | 1,233 | 274,314,155 | 2.61 | 4.305 | 740 | 92.43 | 92.47 |
| Seattle-Tacoma-Bellevue, WA | 711 | 265,051,816 | 2.52 | 4.401 | 744 | 92.50 | 92.51 |
| Denver-Aurora-Lakewood, CO | 782 | 253,452,247 | 2.41 | 4.396 | 748 | 92.35 | 92.36 |
| Other | 29,279 | 6,870,591,288 | 65.26 | 4.319 | 743 | 92.59 | 92.61 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

*Definitions of Metropolitan Statistical Areas (MSA) are updated periodically by the United States Office of Management and Budget. Fannie Mae seeks to update its loan level disclosure from time to time to reflect corresponding changes.

| Geographic Concentration of the Mortgage Loans (Top 10 Zip Codes) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Top 10 Zip Codes | $\begin{array}{\|c\|} \hline \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid <br> Principal <br> Balance <br> $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 30040 | 43 | 13,302,730 | 0.13 | 4.160 | 742 | 92.28 | 92.28 |
| 75071 | 42 | 13,295,267 | 0.13 | 4.168 | 754 | 91.82 | 91.82 |
| 84096 | 39 | 12,748,888 | 0.12 | 4.387 | 744 | 91.99 | 91.99 |
| 75070 | 39 | 12,381,648 | 0.12 | 4.104 | 754 | 92.66 | 92.66 |
| 85383 | 39 | 12,236,402 | 0.12 | 4.532 | 729 | 91.26 | 91.43 |
| 34787 | 37 | 12,029,980 | 0.11 | 4.345 | 734 | 92.23 | 92.34 |
| 20148 | 25 | 10,808,075 | 0.10 | 4.134 | 753 | 89.75 | 89.87 |
| 80134 | 27 | 10,554,374 | 0.10 | 4.290 | 738 | 90.88 | 90.88 |
| 80015 | 31 | 10,071,219 | 0.10 | 4.429 | 740 | 93.22 | 93.37 |
| 28078 | 33 | 10,014,868 | 0.10 | 4.399 | 742 | 92.52 | 92.52 |
| Other | 42,970 | 10,410,316,481 | 98.88 | 4.336 | 743 | 92.51 | 92.53 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Original Term to Maturity of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Original Term to Maturity (months) | Number of <br> Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 260-279 | 9 | 2,185,351 | 0.02 | 4.253 | 755 | 87.15 | 87.15 |
| 280-299 | 3 | 468,953 | * | 4.242 | 779 | 84.55 | 84.55 |
| 300-319 | 164 | 34,011,423 | 0.32 | 4.311 | 745 | 87.74 | 87.77 |
| 320-339 | 33 | 7,928,236 | 0.08 | 4.244 | 751 | 88.09 | 88.09 |
| 340-359 | 15 | 4,084,247 | 0.04 | 4.132 | 748 | 91.40 | 91.40 |
| 360 | 43,101 | 10,479,081,723 | 99.54 | 4.335 | 743 | 92.52 | 92.54 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Weighted Average (months) | 360 |  |  |  |  |  |  |

*Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.

| Remaining Term to Maturity of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Remaining Term to Maturity (months) | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance (\$) }{ }^{(1)} \\ \hline \end{gathered}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original <br> LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 251-260 | 6 | 1,341,001 | 0.01 | 4.220 | 755 | 87.56 | 87.56 |
| 261-270 | 1 | 318,110 | * | 4.500 | 732 | 84.00 | 84.00 |
| 271-280 | 2 | 526,240 | * | 4.188 | 770 | 88.00 | 88.00 |
| 281-290 | 3 | 468,953 | * | 4.242 | 779 | 84.55 | 84.55 |
| 291-300 | 160 | 33,369,657 | 0.32 | 4.308 | 745 | 87.72 | 87.76 |
| 301-357 | 43,153 | 10,491,735,972 | 99.66 | 4.335 | 743 | 92.52 | 92.54 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Weighted Average (months) | 355 |  |  |  |  |  |  |

*Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.
${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.
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| Seller of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Seller | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \\ \hline \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. Mortgage Rate (\%) | W.A. Original Credit Score | $\begin{gathered} \text { W.A. } \\ \text { Original } \\ \text { LTV } \\ \text { Ratio (\%) } \\ \hline \end{gathered}$ | W.A. <br> Original <br> CLTV <br> Ratio <br> (\%) |
| Wells Fargo Bank, N.A. | 10,520 | 2,683,076,513 | 25.49 | 4.155 | 748 | 91.93 | 91.95 |
| Quicken Loans Inc. | 2,696 | 732,258,197 | 6.96 | 4.255 | 744 | 90.60 | 90.63 |
| United Shore Financial Services LLC | 1,890 | 503,062,445 | 4.78 | 4.526 | 747 | 93.10 | 93.10 |
| U.S. Bank N.A. | 1,626 | 343,628,176 | 3.26 | 4.787 | 731 | 93.90 | 94.01 |
| JPMorgan Chase Bank, NA | 1,246 | 280,092,747 | 2.66 | 4.207 | 743 | 93.01 | 93.02 |
| SunTrust Bank | 1,013 | 266,555,439 | 2.53 | 4.143 | 751 | 92.23 | 92.24 |
| Guild Mortgage Company | 927 | 232,501,315 | 2.21 | 4.545 | 742 | 94.05 | 94.07 |
| Movement Mortgage, LLC | 962 | 224,531,001 | 2.13 | 4.490 | 742 | 93.35 | 93.35 |
| AmeriHome Mortgage Company, LLC | 705 | 202,318,794 | 1.92 | 4.466 | 750 | 92.84 | 92.84 |
| Fairway Independent Mortgage Corporation | 770 | 190,362,004 | 1.81 | 4.577 | 739 | 93.29 | 93.29 |
| Other | 20,970 | 4,869,373,302 | 46.25 | 4.381 | 739 | 92.77 | 92.79 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Servicers of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Servicer | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| Wells Fargo Bank, N.A. | 10,520 | 2,683,076,513 | 25.49 | 4.155 | 748 | 91.93 | 91.95 |
| Quicken Loans Inc. | 2,696 | 732,258,197 | 6.96 | 4.255 | 744 | 90.60 | 90.63 |
| United Shore Financial Services LLC | 1,890 | 503,062,445 | 4.78 | 4.526 | 747 | 93.10 | 93.10 |
| Matrix Financial Services Corporation | 1,496 | 359,087,835 | 3.41 | 4.529 | 740 | 93.05 | 93.06 |
| U.S. Bank N.A. | 1,626 | 343,628,176 | 3.26 | 4.787 | 731 | 93.90 | 94.01 |
| Freedom Mortgage Corp. | 1,017 | 295,329,180 | 2.81 | 4.422 | 743 | 92.38 | 92.39 |
| JPMorgan Chase Bank, NA | 1,246 | 280,092,747 | 2.66 | 4.207 | 743 | 93.01 | 93.02 |
| SunTrust Bank | 1,013 | 266,555,439 | 2.53 | 4.143 | 751 | 92.23 | 92.24 |
| Guild Mortgage Company | 927 | 232,501,315 | 2.21 | 4.545 | 742 | 94.05 | 94.07 |
| AmeriHome Mortgage Company, LLC | 705 | 202,318,794 | 1.92 | 4.466 | 750 | 92.84 | 92.84 |
| Other | 20,189 | 4,629,849,292 | 43.98 | 4.380 | 739 | 92.83 | 92.84 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Origination Channel of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Origination Channel | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | $\begin{aligned} & \text { W.A. } \\ & \text { Original } \\ & \text { LTV } \\ & \text { Ratio (\%) } \\ & \hline \end{aligned}$ | W.A. <br> Original CLTV <br> Ratio (\%) |
| Retail | 22,076 | 5,195,764,509 | 49.35 | 4.354 | 741 | 92.54 | 92.57 |
| Correspondent | 17,362 | 4,266,971,364 | 40.53 | 4.278 | 744 | 92.43 | 92.45 |
| Broker | 3,887 | 1,065,024,060 | 10.12 | 4.471 | 744 | 92.62 | 92.62 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Mortgage Loans with Subordinate Financing at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mortgage Loans with Subordinate Financing at Origination | $\begin{array}{\|c\|} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \end{array}$ | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | $\begin{gathered} \text { W.A. } \\ \text { Original } \\ \text { LTV } \\ \text { Ratio (\%) } \\ \hline \end{gathered}$ | W.A. <br> Original CLTV <br> Ratio (\%) |
| No | 43,143 | 10,488,690,025 | 99.63 | 4.335 | 743 | 92.52 | 92.52 |
| Yes | 182 | 39,069,908 | 0.37 | 4.420 | 734 | 87.22 | 92.80 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.
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| First Payment Date of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| First Payment Date | Number of Mortgage Loans | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance $(\%)^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| May 2017 | 2 | 637,653 | 0.01 | 4.771 | 686 | 93.47 | 93.47 |
| June 2017 | 3 | 942,161 | 0.01 | 4.488 | 727 | 91.46 | 91.46 |
| July 2017 | 4 | 810,078 | 0.01 | 4.321 | 751 | 90.36 | 90.36 |
| August 2017 | 4 | 1,093,454 | 0.01 | 4.078 | 780 | 93.61 | 93.61 |
| September 2017 | 5 | 1,242,624 | 0.01 | 4.182 | 766 | 94.30 | 94.30 |
| October 2017 | 29 | 6,308,955 | 0.06 | 4.241 | 739 | 93.66 | 93.66 |
| November 2017 | 59 | 13,168,135 | 0.13 | 4.218 | 742 | 91.96 | 92.06 |
| December 2017 | 209 | 44,284,074 | 0.42 | 4.313 | 737 | 92.60 | 92.70 |
| January 2018 | 977 | 218,709,930 | 2.08 | 4.354 | 735 | 92.50 | 92.57 |
| February 2018 | 8,106 | 1,976,631,056 | 18.78 | 4.227 | 743 | 92.34 | 92.36 |
| March 2018 | 15,620 | 3,798,577,092 | 36.08 | 4.254 | 743 | 92.28 | 92.30 |
| April 2018 | 13,415 | 3,308,287,435 | 31.42 | 4.395 | 743 | 92.62 | 92.64 |
| May 2018 | 4,892 | 1,157,067,287 | 10.99 | 4.615 | 743 | 93.17 | 93.18 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Maturity Date of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Maturity Date (year) | $\begin{array}{\|c\|} \hline \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 2039 | 1 | 245,684 | * | 3.750 | 763 | 84.00 | 84.00 |
| 2040 | 6 | 1,413,427 | 0.01 | 4.365 | 749 | 87.38 | 87.38 |
| 2041 | 2 | 526,240 | * | 4.188 | 770 | 88.00 | 88.00 |
| 2042 | 9 | 1,847,336 | 0.02 | 4.286 | 746 | 86.90 | 86.90 |
| 2043 | 155 | 32,203,203 | 0.31 | 4.309 | 746 | 87.69 | 87.73 |
| 2044 | 4 | 619,762 | 0.01 | 4.326 | 747 | 89.11 | 89.11 |
| 2045 | 18 | 4,266,326 | 0.04 | 4.242 | 756 | 87.17 | 87.17 |
| 2046 | 17 | 4,572,367 | 0.04 | 4.245 | 746 | 90.28 | 90.28 |
| 2047 | 1,295 | 287,968,278 | 2.74 | 4.337 | 736 | 92.54 | 92.61 |
| 2048 | 41,818 | 10,194,097,310 | 96.83 | 4.335 | 743 | 92.52 | 92.54 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

[^4]${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
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| First Time Homebuyer |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| First Time Homebuyer | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| No | 20,587 | 5,269,204,267 | 50.05 | 4.294 | 746 | 91.17 | 91.19 |
| Yes | 22,738 | 5,258,555,666 | 49.95 | 4.376 | 740 | 93.84 | 93.86 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Number of Borrowers |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Borrowers | $\begin{array}{\|c\|} \hline \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(\mathbf{1 )}}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. Original CLTV Ratio (\%) |
| 1 | 25,954 | 5,860,670,526 | 55.67 | 4.339 | 747 | 92.75 | 92.78 |
| 2 or more | 17,371 | 4,667,089,407 | 44.33 | 4.330 | 737 | 92.19 | 92.21 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Number of Units |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Units | Number of Mortgage Loans |  | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 1 | 43,147 | 10,477,838,043 | 99.53 | 4.335 | 743 | 92.54 | 92.56 |
| 2 | 174 | 48,599,423 | 0.46 | 4.412 | 749 | 85.31 | 85.39 |
| 3 | 4 | 1,322,467 | 0.01 | 4.079 | 764 | 95.00 | 95.00 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Mortgage Insurance Coverage |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mortgage Insurance Coverage | $\begin{array}{\|c\|} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \end{array}$ | Unpaid Principal Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| None | 20 | 4,204,539 | 0.04 | 4.327 | 743 | 94.61 | 94.61 |
| 6 | 68 | 11,978,537 | 0.11 | 4.239 | 724 | 84.51 | 86.18 |
| 12 | 4,856 | 1,279,746,930 | 12.16 | 4.274 | 743 | 84.46 | 84.56 |
| 16 | 706 | 143,436,902 | 1.36 | 5.077 | 716 | 94.92 | 94.99 |
| 18 | 986 | 182,721,179 | 1.74 | 4.783 | 727 | 96.97 | 96.97 |
| 20 | 2 | 610,425 | 0.01 | 4.693 | 731 | 94.46 | 94.46 |
| 25 | 19,038 | 4,490,444,434 | 42.65 | 4.310 | 744 | 92.04 | 92.05 |
| 30 | 15,002 | 3,834,918,539 | 36.43 | 4.313 | 743 | 94.78 | 94.78 |
| 35 | 2,647 | 579,698,448 | 5.51 | 4.495 | 740 | 96.99 | 96.99 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Mortgage Insurance (Lender - or Borrower-Paid) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mortgage Insurance (Lender - or Borrower-Paid) | $\begin{array}{\|c\|} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \end{array}$ | Unpaid <br> Principal <br> Balance (\$) ${ }^{(1)}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| Borrower-Paid | 38,510 | 9,149,424,170 | 86.91 | 4.307 | 742 | 92.60 | 92.62 |
| Lender-Paid | 4,795 | 1,374,131,224 | 13.05 | 4.526 | 750 | 91.87 | 91.90 |
| No Mortgage Insurance | 20 | 4,204,539 | 0.04 | 4.327 | 743 | 94.61 | 94.61 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Mortgage Insurance Cancellation Indicator |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mortgage Insurance Cancellation Indicator |  | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance (\$) }{ }^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. Mortgage Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| No | 43,014 | 10,462,359,972 | 99.38 | 4.337 | 742 | 92.51 | 92.53 |
| Yes | 291 | 61,195,422 | 0.58 | 4.089 | 768 | 91.33 | 91.33 |
| Not Applicable (Short-Term Recourse Reference Obligation) | 20 | 4,204,539 | 0.04 | 4.327 | 743 | 94.61 | 94.61 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
This is a Confidential Preliminary Term Sheet. All terms and statements are subject to change.

| Delinquency Status of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Delinquency Status | $\begin{array}{\|c\|} \text { Number } \\ \text { of } \\ \text { Mortgage } \\ \text { Loans } \end{array}$ | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \\ \hline \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. Mortgage Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| Current | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Historical Delinquency of the Mortgage Loans Since Acquisition as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Delinquency Status Since Acquisition | $\begin{array}{c}\text { Number } \\ \text { of } \\ \text { Mortgage }\end{array}$ Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original <br> LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| Never Delinquent | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| HomeReady Indicator |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HomeReady Indicator | Number of Mortgage Loans | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance }(\$)^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| No | 33,919 | 8,619,365,254 | 81.87 | 4.328 | 744 | 92.05 | 92.07 |
| Yes | 9,406 | 1,908,394,679 | 18.13 | 4.366 | 739 | 94.56 | 94.59 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |


| Property Inspection Waiver |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Property Inspection Waiver | Number <br> of <br> Mortgage <br> Loans <br> 42,72 | $\begin{gathered} \text { Unpaid } \\ \text { Principal } \\ \text { Balance (\$) }{ }^{(1)} \end{gathered}$ | Unpaid Principal Balance (\%) ${ }^{(1)}$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV <br> Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| No | 42,782 | 10,369,346,056 | 98.50 | 4.336 | 743 | 92.60 | 92.62 |
| Yes | 543 | 158,413,877 | 1.50 | 4.268 | 743 | 86.09 | 86.10 |
| Total: | 43,325 | 10,527,759,933 | 100.00 | 4.335 | 743 | 92.50 | 92.52 |

${ }^{(1)}$ Amounts may not add up to the totals shown due to rounding.
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Fannie Mae

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[^0]:    (1) The above table takes into account acquisition eligibility criteria prior to the consideration of delinquency and other Cut-off Date eligibility requirements, which could understate such Cut-off Date eligibility exclusions.

[^1]:    *687 loans remain subject to the random or discretionary post-purchase review process as of August 13, 2018, some of which may be determined to have eligibility defects.

[^2]:    * The Early Redemption Date occurs on the first eligible Payment Date.

[^3]:    * Indicates a yield less than (99.99)\%.

[^4]:    *Indicates a number that is greater than $0.000 \%$ but less than $0.005 \%$.

